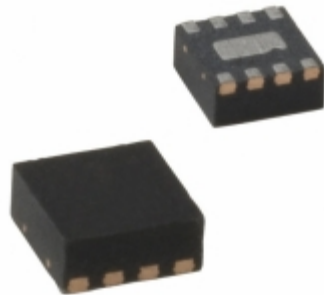


MIC5283YML-T5





Part Number: [MIC5283YML-T5](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR POS ADJ 150MA 8MLF

Data sheet:  [MIC5283 Series](#)

RoHs Status: Lead free / RoHS Compliant

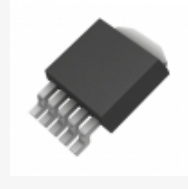
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy MIC5283YML-T5 with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                            |                                  |                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | MIC5283YML-T5                                                                              | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG LINEAR POS ADJ 150MA 8MLF                                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 48681 pcs                                                                                  | Data sheet                       | <a href="#">MIC5283 Series</a>                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                                  | Voltage Dropout (Max)            | 2.8V @ 150mA                                  |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                           | 1.22V                                                                                      | Voltage - Output (Max)           | 5.5V                                          |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                  | 120V                                                                                       | Supplier Device Package          | 8-MLF® (3x3)                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                                          | Protection Features              | Over Current, Over Temperature                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                              | Tape & Reel (TR)                                                                           | Package / Case                   | 8-VDFN Exposed Pad, 8-MLF®                    |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                   | 70dB ~ 65dB (100Hz ~ 100kHz)                                                               | Output Type                      | Adjustable                                    |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                   | Positive                                                                                   | Other Names                      | MIC5283YML T5<br>MIC5283YML T5-ND             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 125°C                                                                              | Number of Regulators             | 1                                             |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                          | Surface Mount                                                                              | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                 |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                        | 17 Weeks                                                                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                   | Linear Voltage Regulator IC Positive Adjustable 1 Output 1.22 V ~ 5.5 V 150mA 8-MLF® (3x3) |                                  |                                               |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                       | 150mA                                                                                      | Current - Quiescent (Iq)         | 14µA                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | MIC5283                                                                                    | Control Features                 | -                                             |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MIC5283-5.0YME</a><br>Description: IC REG LINEAR 5V 150MA 8SOIC       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5295-3.3YD-TR</a><br>Description: IC REG LINEAR 3.3V 150MA TO252-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5283-5.0YML-T5</a><br>Description: IC REG LINEAR 5V 150MA 8MLF     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5283YME</a><br>Description: IC REG LIN POS ADJ 150MA 8SOIC         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5283-5.0YML-TR</a><br>Description: IC REG LINEAR 5V 150MA 8MLF     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5295-3.0YD-TR</a><br>Description: IC REG LINEAR 3V 150MA TO252-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5295-3.0YD</a><br>Description: IC REG LINEAR 3V 150MA TO252-5      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5283YME-T5</a><br>Description: IC REG LIN POS ADJ 150MA 8SOIC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5283-3.3YML-T5</a><br>Description: IC REG LINEAR 3.3V 150MA 8MLF   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5283-5.0YME-T5</a><br>Description: IC REG LINEAR 5V 150MA 8SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5295-5.0YD</a><br>Description: IC REG LINEAR 5V 150MA TO252-5      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5283-3.3YML-TR</a><br>Description: IC REG LINEAR 3.3V 150MA 8MLF   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5295-3.3YD</a><br>Description: IC REG LINEAR 3.3V 150MA TO252-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5283-5.0YME-TR</a><br>Description: IC REG LINEAR 5V 150MA 8SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5295-5.0YD-TR</a><br>Description: IC REG LINEAR 5V 150MA TO252-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5283YME-TR</a><br>Description: IC REG LIN POS ADJ 150MA 8SOIC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5283YML-TR</a><br>Description: IC REG LINEAR POS ADJ 150MA 8MLF    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5301-1.3YD5-TR</a><br>Description: IC REG LIN 1.3V 150MA TSOT23-5  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5295YD</a><br>Description: IC REG LIN POS ADJ 150MA TO252-5        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5295YD-TR</a><br>Description: IC REG LIN POS ADJ 150MA TO252-5     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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