

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

## MIC5331-PNYMT-TR

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC5331-PNYMT-TR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                          |
| Product description | IC REG LINEAR 2.85V/3V 8MLF                                                                                            |
| Datasheets:         |  <a href="#">MIC5331-PNYMT-TR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 117540 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

### Specifications of MIC5331-PNYMT-TR

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC5331-PNYMT-TR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                            |
| DESCRIPTION                      | IC REG LINEAR 2.85V/3V 8MLF                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 117540 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">MIC5331-PNYMT-TR.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.24V @ 300mA, 0.24V @ 300mA                                                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.85V, 3V                                                                                                                |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                        |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 8-MLF® (2x2)                                                                                                             |
| SERIES                           | -                                                                                                                        |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                                           |
| PACKAGING                        | Tape & Reel (TR)                                                                                                         |
| PACKAGE / CASE                   | 8-VDFDN Exposed Pad, 8-MLF®                                                                                              |
| PSRR                             | 65dB ~ 45dB (1kHz ~ 20kHz)                                                                                               |
| OUTPUT TYPE                      | Fixed                                                                                                                    |
| OUTPUT CONFIGURATION             | Positive                                                                                                                 |
| OTHER NAMES                      | 576-3155-2<br>MIC5331-PNYMT TR<br>MIC5331PNYMTTR                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                            |
| NUMBER OF REGULATORS             | 2                                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 2 Output 3V, 2.85V 300mA, 300mA 8-MLF® (2x2)                                  |
| CURRENT - SUPPLY (MAX)           | 75µA                                                                                                                     |
| CURRENT - QUIESCENT (IQ)         | 50µA                                                                                                                     |
| CURRENT - OUTPUT                 | 300mA, 300mA                                                                                                             |
| CONTROL FEATURES                 | Enable                                                                                                                   |
| BASE PART NUMBER                 | MIC5331                                                                                                                  |

### Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology MIC5331-PNYMT-TR | MIC5331-PNYMT-TR Distributor           | MIC5331-PNYMT-TR Supplier                               |
| MIC5331-PNYMT-TR Price                         | MIC5331-PNYMT-TR Pictures              | MIC5331-PNYMT-TR Image                                  |
| MIC5331-PNYMT-TR PDF Datasheet                 | MIC5331-PNYMT-TR Download Datasheet    | MIC5331-PNYMT-TR Datasheet                              |
| MIC5331-PNYMT-TR Stock                         | Buy MIC5331-PNYMT-TR                   | Buy Micrel / Microchip Technology MIC5331-PNYMT-TR      |
| Micrel / Microchip Technology MIC5331-PNYMT-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MIC5331-PNYMT-TR | Microchip Technology MIC5331-PNYMT-TR  | Roving Networks / Microchip Technology MIC5331-PNYMT-TR |

### Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                    |
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|  <div><b>MIC5331-PPYMT-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 3V 0.3A 8MLF<br/>In stock: 4307 pcs<br/><div>RFQ</div></div>                   |  <div><b>MIC5332-G4YMT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V/1.8V 8MLF<br/>In stock: 82956 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MIC5331-MMYMT-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 2.8V 0.3A 8MLF<br/>In stock: 3278 pcs<br/><div>RFQ</div></div>                 |  <div><b>MIC5331-MNYMT-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 2.8V/2.85V 0.3A 8MLF<br/>In stock: 6251 pcs<br/><div>RFQ</div></div>          |
|  <div><b>MIC5331-PMYMT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V/3V 8MLF<br/>In stock: 226559 pcs<br/><div>RFQ</div></div>     |  <div><b>MIC5331-MNYMT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V/2.85V 8MLF<br/>In stock: 205657 pcs<br/><div>RFQ</div></div> |
|  <div><b>MIC5331-PPYMT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V/3V 8MLF<br/>In stock: 117250 pcs<br/><div>RFQ</div></div>       |  <div><b>MIC5332-J4YMT-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 2.5V/1.2V 0.3A 8MLF<br/>In stock: 5560 pcs<br/><div>RFQ</div></div>           |
|  <div><b>MIC5332-J4YMT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V/2.5V 8MLF<br/>In stock: 182181 pcs<br/><div>RFQ</div></div>   |  <div><b>MIC5331-PMYMT-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 3V/2.8V 0.3A 8MLF<br/>In stock: 4242 pcs<br/><div>RFQ</div></div>             |
|  <div><b>MIC5331-NNYMT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.85V/2.85V 8MLF<br/>In stock: 115418 pcs<br/><div>RFQ</div></div> |  <div><b>MIC5332-G4YMT-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 1.8V/1.2V 0.3A 8MLF<br/>In stock: 6462 pcs<br/><div>RFQ</div></div>           |