

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

## MIC2214-SGYML-TR

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC2214-SGYML-TR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                          |
| Product description | IC REG LINEAR 3.3V/1.8V 10MLF                                                                                          |
| Datasheets:         |  <a href="#">MIC2214-SGYML-TR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 96942 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

### Specifications of MIC2214-SGYML-TR

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC2214-SGYML-TR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                            |
| DESCRIPTION                      | IC REG LINEAR 3.3V/1.8V 10MLF                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 96942 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">MIC2214-SGYML-TR.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.25V @ 150mA, 0.42V @ 300mA                                                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3.3V, 1.8V                                                                                                               |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                        |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 10-MLF® (3x3)                                                                                                            |
| SERIES                           | -                                                                                                                        |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                                           |
| PACKAGING                        | Tape & Reel (TR)                                                                                                         |
| PACKAGE / CASE                   | 10-VDFN Exposed Pad, 10-MLF®                                                                                             |
| PSRR                             | 60dB ~ 40dB (1KHz ~ 20kHz)                                                                                               |
| OUTPUT TYPE                      | Fixed                                                                                                                    |
| OUTPUT CONFIGURATION             | Positive                                                                                                                 |
| OTHER NAMES                      | 576-2652-2<br>MIC2214-SGYML TR<br>MIC2214-SGYML TR-ND<br>MIC2214-SGYMLTR<br>MIC2214-SGYMLTR-ND<br>MIC2214SGYMLTR         |
| 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 3.3V, 1.8V 150mA, 300mA 10-MLF® (3x3)                                |
| CURRENT - QUIESCENT (IQ)         | 80µA                                                                                                                     |
| CURRENT - OUTPUT                 | 150mA, 300mA                                                                                                             |
| CONTROL FEATURES                 | Enable, Power On Reset                                                                                                   |
| BASE PART NUMBER                 | MIC2214                                                                                                                  |

### Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology MIC2214-SGYML-TR | MIC2214-SGYML-TR Distributor           | MIC2214-SGYML-TR Supplier                               |
| MIC2214-SGYML-TR Price                         | MIC2214-SGYML-TR Pictures              | MIC2214-SGYML-TR Image                                  |
| MIC2214-SGYML-TR PDF Datasheet                 | MIC2214-SGYML-TR Download Datasheet    | MIC2214-SGYML-TR Datasheet                              |
| MIC2214-SGYML-TR Stock                         | Buy MIC2214-SGYML-TR                   | Buy Micrel / Microchip Technology MIC2214-SGYML-TR      |
| Micrel / Microchip Technology MIC2214-SGYML-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MIC2214-SGYML-TR | Microchip Technology MIC2214-SGYML-TR  | Roving Networks / Microchip Technology MIC2214-SGYML-TR |

### Related Products

|                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>MIC2214-PSBML TR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC REG LINEAR 3V/3.3V 10MLF<br>In stock: 96949 pcs<br>RFQ    |  <b>MIC2214-PWYML-TR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC REG LINEAR 3V/1.6V 10MLF<br>In stock: 96170 pcs<br>RFQ    |
|  <b>MIC2214-WMYML-TR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC REG LINEAR 1.6V/2.8V 10MLF<br>In stock: 98255 pcs<br>RFQ  |  <b>MIC2214-PWBML-TR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC REG LINEAR 3V/1.6V 10MLF<br>In stock: 116252 pcs<br>RFQ   |
|  <b>MIC2214-SMBML TR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC REG LINEAR 3.3V/2.8V 10MLF<br>In stock: 98851 pcs<br>RFQ  |  <b>MIC2214-WMBML TR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC REG LINEAR 1.6V/2.8V 10MLF<br>In stock: 82105 pcs<br>RFQ  |
|  <b>MIC2214-SGBML TR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC REG LINEAR 3.3V/1.8V 10MLF<br>In stock: 101833 pcs<br>RFQ |  <b>MIC2214-PSYML-TR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC REG LINEAR 3V/3.3V 10MLF<br>In stock: 103387 pcs<br>RFQ   |
|  <b>MIC2214-SWYML-TR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC REG LINEAR 3.3V/1.6V 10MLF<br>In stock: 67156 pcs<br>RFQ  |  <b>MIC2214-SGYML-TR</b><br>Manufacturers: Microchip Technology<br>Description: IC REG LDO 3.3V/1.8V 10MLF<br>In stock: 5690 pcs<br>RFQ               |
|  <b>MIC2214-SWBML-TR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC REG LINEAR 3.3V/1.6V 10MLF<br>In stock: 112486 pcs<br>RFQ |  <b>MIC2214-SMYML-TR</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC REG LINEAR 3.3V/2.8V 10MLF<br>In stock: 104200 pcs<br>RFQ |