

MICROCHIP

Micrel / Microchip Technology

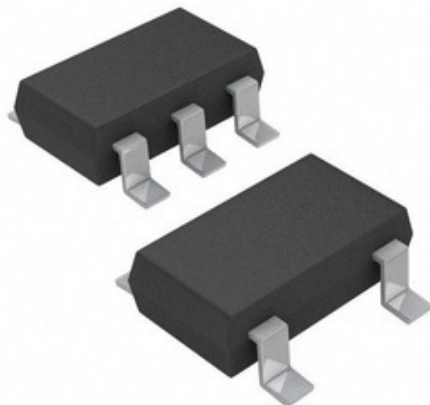


Image may be representation. See specifications for product details.

MIC5259-2.5YD5-TR

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC5259-2.5YD5-TR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                           |
| Product description | IC REG LIN 2.5V 300MA TSOT23-5                                                                                          |
| Datasheets:         |  <a href="#">MIC5259-2.5YD5-TR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Stock Condition     | 177919 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

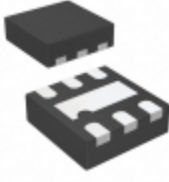
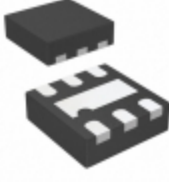
Specifications of MIC5259-2.5YD5-TR

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC5259-2.5YD5-TR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                             |
| DESCRIPTION                      | IC REG LIN 2.5V 300MA TSOT23-5                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| QUANTITY AVAILABLE               | 177919 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">MIC5259-2.5YD5-TR.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.55V @ 300mA                                                                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                                                                      |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                         |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | TSOT-23-5                                                                                                                 |
| SERIES                           | -                                                                                                                         |
| PROTECTION FEATURES              | Over Current, Over Temperature, Under Voltage Lockout (UVLO)                                                              |
| PACKAGING                        | Cut Tape (CT)                                                                                                             |
| PACKAGE / CASE                   | SOT-23-5 Thin, TSOT-23-5                                                                                                  |
| PSRR                             | 65dB ~ 53dB (10Hz ~ 10kHz)                                                                                                |
| OUTPUT TYPE                      | Fixed                                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                                                  |
| OTHER NAMES                      | 576-2830-1                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                             |
| NUMBER OF REGULATORS             | 1                                                                                                                         |
| 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 1 Output 2.5V 300mA TSOT-23-5                                                  |
| CURRENT - SUPPLY (MAX)           | 250μA                                                                                                                     |
| CURRENT - QUIESCENT (IQ)         | 150μA                                                                                                                     |
| CURRENT - OUTPUT                 | 300mA                                                                                                                     |
| CONTROL FEATURES                 | Enable                                                                                                                    |
| BASE PART NUMBER                 | MIC5259                                                                                                                   |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology MIC5259-2.5YD5-TR | MIC5259-2.5YD5-TR Distributor          | MIC5259-2.5YD5-TR Supplier                               |
| MIC5259-2.5YD5-TR Price                         | MIC5259-2.5YD5-TR Pictures             | MIC5259-2.5YD5-TR Image                                  |
| MIC5259-2.5YD5-TR PDF Datasheet                 | MIC5259-2.5YD5-TR Download Datasheet   | MIC5259-2.5YD5-TR Datasheet                              |
| MIC5259-2.5YD5-TR Stock                         | Buy MIC5259-2.5YD5-TR                  | Buy Micrel / Microchip Technology MIC5259-2.5YD5-TR      |
| Micrel / Microchip Technology MIC5259-2.5YD5-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology MIC5259-2.5YD5-TR | Microchip Technology MIC5259-2.5YD5-TR | Roving Networks / Microchip Technology MIC5259-2.5YD5-TR |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC5259-2.5BML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 300MA 6MLF<br/>In stock: 148297 pcs<br/>RFQ</div>    |  <div><b>MIC5259-2.85BD5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.85V 300MA TSOT23-5<br/>In stock: 144609 pcs<br/>RFQ</div> |
|  <div><b>MIC5259-2.5YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 300MA 6MLF<br/>In stock: 252219 pcs<br/>RFQ</div>    |  <div><b>MIC5259-1.8YD5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.8V 300MA TSOT23-5<br/>In stock: 217476 pcs<br/>RFQ</div>   |
|  <div><b>MIC5259-1.8YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 300MA 6MLF<br/>In stock: 123726 pcs<br/>RFQ</div>    |  <div><b>MIC5259-1.8BML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 300MA 6MLF<br/>In stock: 169616 pcs<br/>RFQ</div>    |
|  <div><b>MIC5259-2.1YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.1V 300MA 6MLF<br/>In stock: 148025 pcs<br/>RFQ</div>    |  <div><b>MIC5259-2.5YML-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 2.5V 0.3A 6MLF<br/>In stock: 4397 pcs<br/>RFQ</div>                   |
|  <div><b>MIC5259-2.85YD5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.85V 300MA TSOT23-5<br/>In stock: 267203 pcs<br/>RFQ</div> |  <div><b>MIC5259-2.5BD5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.5V 300MA TSOT23-5<br/>In stock: 133842 pcs<br/>RFQ</div>   |
|  <div><b>MIC5259-2.85YD5-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 2.85V 0.3A TSOT23-5<br/>In stock: 2729 pcs<br/>RFQ</div>             |  <div><b>MIC5259-2.85BML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.85V 300MA 6MLF<br/>In stock: 128185 pcs<br/>RFQ</div>  |