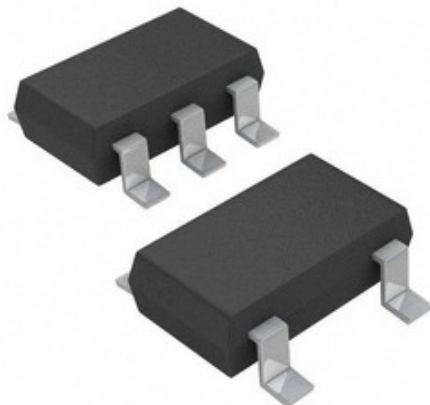


MICROCHIP

Micrel / Microchip Technology



MIC5317-3.0YD5-TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC5317-3.0YD5-TR                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 3V 150MA TSOT23-5                                                                              |
| Datasheets:         |  MIC5317-3.0YD5-TR.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of MIC5317-3.0YD5-TR

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC5317-3.0YD5-TR                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                             |
| DESCRIPTION                      | IC REG LINEAR 3V 150MA TSOT23-5                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| DATA SHEET                       |  MIC5317-3.0YD5-TR.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.31V @ 150mA                                                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3V                                                                                                        |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                         |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | TSOT-23-5                                                                                                 |
| SERIES                           | -                                                                                                         |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                                          |
| PACKAGE / CASE                   | SOT-23-5 Thin, TSOT-23-5                                                                                  |
| PSRR                             | 80dB ~ 65dB (1kHz ~ 10kHz)                                                                                |
| OUTPUT TYPE                      | Fixed                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                                  |
| OTHER NAMES                      | MIC5317-3.0YD5 TR<br>MIC5317-3.0YD5 TR-ND                                                                 |
| 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 3V 150mA TSOT-23-5                                    |
| CURRENT - QUIESCENT (IQ)         | 39µA                                                                                                      |
| CURRENT - OUTPUT                 | 150mA                                                                                                     |
| CONTROL FEATURES                 | Enable                                                                                                    |
| BASE PART NUMBER                 | MIC5317                                                                                                   |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology MIC5317-3.0YD5-TR | MIC5317-3.0YD5-TR Distributor          | MIC5317-3.0YD5-TR Supplier                               |
| MIC5317-3.0YD5-TR Price                         | MIC5317-3.0YD5-TR Pictures             | MIC5317-3.0YD5-TR Image                                  |
| MIC5317-3.0YD5-TR PDF Datasheet                 | MIC5317-3.0YD5-TR Download Datasheet   | MIC5317-3.0YD5-TR Datasheet                              |
| MIC5317-3.0YD5-TR Stock                         | Buy MIC5317-3.0YD5-TR                  | Buy Micrel / Microchip Technology MIC5317-3.0YD5-TR      |
| Micrel / Microchip Technology MIC5317-3.0YD5-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology MIC5317-3.0YD5-TR | Microchip Technology MIC5317-3.0YD5-TR | Roving Networks / Microchip Technology MIC5317-3.0YD5-TR |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC5317-2.8YM5-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V 150MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MIC5317-2.8YMT-TZ</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 2.8V 0.15A 4TDFN<br/>In stock: Out stock<br/>RFQ</div>               |
|  <div><b>MIC5317-2.8YMT-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V 150MA 4DFN<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MIC5317-2.8YMT-TZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V 150MA 4DFN<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>MIC5317-3.0YM5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 150MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MIC5317-3.0YD5-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 150MA TSOT23-5<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MIC5317-3.3YD5-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V 150MA TSOT23-5<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MIC5317-3.0YMT-TZ</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 3V 0.15A 4TDFN<br/>In stock: Out stock<br/>RFQ</div>                 |
|  <div><b>MIC5317-3.0YM5-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 150MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MIC5317-3.0YMT-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 150MA 4DFN<br/>In stock: Out stock<br/>RFQ</div>      |
|  <div><b>MIC5317-3.0YMT-TZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 150MA 4DFN<br/>In stock: Out stock<br/>RFQ</div>      |  <div><b>MIC5317-2.8YM5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V 150MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div> |