

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

## MIC5306-3.0YD5-TR

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC5306-3.0YD5-TR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                           |
| Product description | IC REG LINEAR 3V 150mA TSOT23-5                                                                                         |
| Datasheets:         |  <a href="#">MIC5306-3.0YD5-TR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

### Specifications of MIC5306-3.0YD5-TR

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC5306-3.0YD5-TR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                             |
| DESCRIPTION                      | IC REG LINEAR 3V 150mA TSOT23-5                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| DATA SHEET                       |  <a href="#">MIC5306-3.0YD5-TR.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.2V @ 150mA                                                                                                              |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3V                                                                                                                        |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                         |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | TSOT-23-5                                                                                                                 |
| SERIES                           | -                                                                                                                         |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                                            |
| PACKAGING                        | Cut Tape (CT)                                                                                                             |
| PACKAGE / CASE                   | SOT-23-5 Thin, TSOT-23-5                                                                                                  |
| PSRR                             | 62dB ~ 35dB (10Hz ~ 20kHz)                                                                                                |
| OUTPUT TYPE                      | Fixed                                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                                                  |
| OTHER NAMES                      | 1611-MIC5306-3.0YD5-CT                                                                                                    |
| 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)         | 25µA                                                                                                                      |
| CURRENT - OUTPUT                 | 150mA                                                                                                                     |
| CONTROL FEATURES                 | Enable                                                                                                                    |

### Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology MIC5306-3.0YD5-TR | MIC5306-3.0YD5-TR Distributor          | MIC5306-3.0YD5-TR Supplier                               |
| MIC5306-3.0YD5-TR Price                         | MIC5306-3.0YD5-TR Pictures             | MIC5306-3.0YD5-TR Image                                  |
| MIC5306-3.0YD5-TR PDF Datasheet                 | MIC5306-3.0YD5-TR Download Datasheet   | MIC5306-3.0YD5-TR Datasheet                              |
| MIC5306-3.0YD5-TR Stock                         | Buy MIC5306-3.0YD5-TR                  | Buy Micrel / Microchip Technology MIC5306-3.0YD5-TR      |
| Micrel / Microchip Technology MIC5306-3.0YD5-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology MIC5306-3.0YD5-TR | Microchip Technology MIC5306-3.0YD5-TR | Roving Networks / Microchip Technology MIC5306-3.0YD5-TR |

### Related Products

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|  <div><b>MIC5306-3.1YD5-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 3.1V 0.15A TSOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div>          |  <div><b>MIC5306-2.6YD5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.6V 150MA TSOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MIC5307-1.5YD5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.5V 300MA TSOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MIC5306-2.8YD5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.8V 150MA TSOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MIC5306-3.1YD5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.1V 150MA TSOT23-5<br/>In stock: 501 pcs<br/><div>RFQ</div></div>   |  <div><b>MIC5306-2.6YD5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.6V 150MA TSOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>MIC5307-2.8YD5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.8V 300MA TSOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MIC5306-2.6YD5-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 2.6V 0.15A TSOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div>          |
|  <div><b>MIC5307-1.8YD5-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 1.8V 0.3A TSOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div>           |  <div><b>MIC5306-2.8YD5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.8V 150MA TSOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>MIC5307-1.8YD5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.8V 300MA TSOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MIC5306-3.0YD5-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 3V 0.15A TSOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div>            |