



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

### MIC5307-1.5YD5-TR

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC5307-1.5YD5-TR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                           |
| Product description | IC REG LIN 1.5V 300MA TSOT23-5                                                                                          |
| Datasheets:         |  <a href="#">MIC5307-1.5YD5-TR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Stock Condition     | 230627 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

#### Specifications of MIC5307-1.5YD5-TR

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC5307-1.5YD5-TR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                             |
| DESCRIPTION                      | IC REG LIN 1.5V 300MA TSOT23-5                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| QUANTITY AVAILABLE               | 230627 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">MIC5307-1.5YD5-TR.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.25V @ 300mA                                                                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.5V                                                                                                                      |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                         |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                      |
| 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                             | 62dB ~ 35dB (10Hz ~ 20kHz)                                                                                                |
| OUTPUT TYPE                      | Fixed                                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                                                  |
| OTHER NAMES                      | MIC5307-1.5YD5 TR<br>MIC5307-1.5YD5 TR-ND<br>MIC5307-1.5YD5TR<br>MIC5307-1.5YD5TR-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 1.5V 300mA TSOT-23-5                                                  |
| CURRENT - QUIESCENT (IQ)         | 30µA                                                                                                                      |
| CURRENT - OUTPUT                 | 300mA                                                                                                                     |
| CONTROL FEATURES                 | Enable                                                                                                                    |
| BASE PART NUMBER                 | MIC5307                                                                                                                   |

#### Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology MIC5307-1.5YD5-TR | MIC5307-1.5YD5-TR Distributor          | MIC5307-1.5YD5-TR Supplier                               |
| MIC5307-1.5YD5-TR Price                         | MIC5307-1.5YD5-TR Pictures             | MIC5307-1.5YD5-TR Image                                  |
| MIC5307-1.5YD5-TR PDF Datasheet                 | MIC5307-1.5YD5-TR Download Datasheet   | MIC5307-1.5YD5-TR Datasheet                              |
| MIC5307-1.5YD5-TR Stock                         | Buy MIC5307-1.5YD5-TR                  | Buy Micrel / Microchip Technology MIC5307-1.5YD5-TR      |
| Micrel / Microchip Technology MIC5307-1.5YD5-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology MIC5307-1.5YD5-TR | Microchip Technology MIC5307-1.5YD5-TR | Roving Networks / Microchip Technology MIC5307-1.5YD5-TR |

#### Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <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: 177161 pcs<br/><div>RFQ</div></div>  |  <div><b>MIC5308-1.2YMT-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 1.2V 0.15A 6TMLF<br/>In stock: 6408 pcs<br/><div>RFQ</div></div>               |
|  <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: 5042 pcs<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: 296843 pcs<br/><div>RFQ</div></div> |
|  <div><b>MIC5307-3.0YD5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 300MA TSOT23-5<br/>In stock: 167910 pcs<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: 190472 pcs<br/><div>RFQ</div></div> |
|  <div><b>MIC5306-3.0YD5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 150MA TSOT23-5<br/>In stock: 141231 pcs<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: 4669 pcs<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: 154103 pcs<br/><div>RFQ</div></div>     |  <div><b>MIC5308-1.2YD6-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.2V 150MA TSOT23-6<br/>In stock: 184548 pcs<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: 5265 pcs<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: 156922 pcs<br/><div>RFQ</div></div> |