

MICROCHIP

Micrel / Microchip Technology



### TC1262-2.5VDBTR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TC1262-2.5VDBTR                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LDO 2.5V 0.5A SOT223-3                                                                                |
|                     |  1.TC1262-2.5VDBTR.pdf      |
|                     |  2.TC1262-2.5VDBTR.pdf      |
|                     |  3.TC1262-2.5VDBTR.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 201204 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

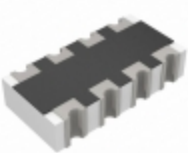
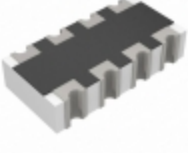
#### Specifications of TC1262-2.5VDBTR

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TC1262-2.5VDBTR                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC REG LDO 2.5V 0.5A SOT223-3                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 201204 pcs                                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       |  1.TC1262-2.5VDBTR.pdf<br> 2.TC1262-2.5VDBTR.pdf<br> 3.TC1262-2.5VDBTR.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.65V @ 500mA                                                                                                                                                                                                                                                                                                                       |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                                                                                                                                                                                                                                                                                |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                                                                                                                                   |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | SOT-223-3                                                                                                                                                                                                                                                                                                                           |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                                   |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                                                                                                                                                                                                                                                      |
| PACKAGING                        | Cut Tape (CT)                                                                                                                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | TO-261-4, TO-261AA                                                                                                                                                                                                                                                                                                                  |
| PSRR                             | 64dB (1kHz)                                                                                                                                                                                                                                                                                                                         |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                                                                                                                               |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                                                                                                                            |
| OTHER NAMES                      | TC1262-2.5VDBCT                                                                                                                                                                                                                                                                                                                     |
| 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 500mA SOT-223-3                                                                                                                                                                                                                                                            |
| CURRENT - QUIESCENT (IQ)         | 130µA                                                                                                                                                                                                                                                                                                                               |
| CURRENT - OUTPUT                 | 500mA                                                                                                                                                                                                                                                                                                                               |
| CONTROL FEATURES                 | -                                                                                                                                                                                                                                                                                                                                   |
| BASE PART NUMBER                 | TC1262                                                                                                                                                                                                                                                                                                                              |

#### Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology TC1262-2.5VDBTR | TC1262-2.5VDBTR Distributor            | TC1262-2.5VDBTR Supplier                               |
| TC1262-2.5VDBTR Price                         | TC1262-2.5VDBTR Pictures               | TC1262-2.5VDBTR Image                                  |
| TC1262-2.5VDBTR PDF Datasheet                 | TC1262-2.5VDBTR Download Datasheet     | TC1262-2.5VDBTR Datasheet                              |
| TC1262-2.5VDBTR Stock                         | Buy TC1262-2.5VDBTR                    | Buy Micrel / Microchip Technology TC1262-2.5VDBTR      |
| Micrel / Microchip Technology TC1262-2.5VDBTR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology TC1262-2.5VDBTR | Microchip Technology TC1262-2.5VDBTR   | Roving Networks / Microchip Technology TC1262-2.5VDBTR |

#### Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                 |
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|  <div><b>TC1240ECHTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG SWITCHD CAP 2VIN SOT23A<br/>In stock: 125379 pcs<br/><b>RFQ</b></div>     |  <div><b>TC1262-3.0VAB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA TO220-3<br/>In stock: 134831 pcs<br/><b>RFQ</b></div>    |
|  <div><b>TC1262-2.5VAB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA TO220-3<br/>In stock: 140312 pcs<br/><b>RFQ</b></div> |  <div><b>TC124-JR-0791RL</b><br/>Manufacturers: Yageo<br/>Description: RES ARRAY 4 RES 91 OHM 0804<br/>In stock: 6560965 pcs<br/><b>RFQ</b></div>                            |
|  <div><b>TC1262-2.5VDB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.5V 500MA SOT223-3<br/>In stock: 190662 pcs<br/><b>RFQ</b></div>   |  <div><b>TC1262-2.8VEBTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V 500MA 3DDPAK<br/>In stock: 151892 pcs<br/><b>RFQ</b></div> |
|  <div><b>TC1262-2.8VAB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V 500MA TO220-3<br/>In stock: 133805 pcs<br/><b>RFQ</b></div> |  <div><b>TC1262-2.8VDBTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.8V 500MA SOT223-3<br/>In stock: 272863 pcs<br/><b>RFQ</b></div>  |
|  <div><b>TC1240AECHTTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG SWITCHD CAP 2VIN SOT23A<br/>In stock: 106129 pcs<br/><b>RFQ</b></div>   |  <div><b>TC124-JR-078K2L</b><br/>Manufacturers: Yageo<br/>Description: RES ARRAY 4 RES 8.2K OHM 0804<br/>In stock: 8231575 pcs<br/><b>RFQ</b></div>                          |
|  <div><b>TC1262-2.8VDB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.8V 500MA SOT223-3<br/>In stock: 121690 pcs<br/><b>RFQ</b></div>   |  <div><b>TC1262-2.5VEBTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA 3DDPAK<br/>In stock: 149039 pcs<br/><b>RFQ</b></div> |