

MICROCHIP

Micrel / Microchip Technology



TC1264-2.5VDBTR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TC1264-2.5VDBTR                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LIN 2.5V 800MA SOT223-3                                                                               |
| Datasheets:         |  1.TC1264-2.5VDBTR.pdf      |
|                     |  2.TC1264-2.5VDBTR.pdf      |
|                     |  3.TC1264-2.5VDBTR.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 175088 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.

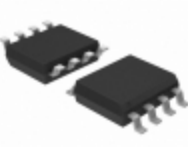
Specifications of TC1264-2.5VDBTR

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TC1264-2.5VDBTR                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC REG LIN 2.5V 800MA SOT223-3                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 175088 pcs                                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       |  1.TC1264-2.5VDBTR.pdf<br> 2.TC1264-2.5VDBTR.pdf<br> 3.TC1264-2.5VDBTR.pdf |
| VOLTAGE DROPOUT (MAX)            | 1.4V @ 800mA                                                                                                                                                                                                                                                                                                                        |
| 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                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                    |
| PACKAGE / CASE                   | TO-261-4, TO-261AA                                                                                                                                                                                                                                                                                                                  |
| PSRR                             | 64dB (1kHz)                                                                                                                                                                                                                                                                                                                         |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                                                                                                                               |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                                                                                                                            |
| OTHER NAMES                      | TC12642.5VDBTR                                                                                                                                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF REGULATORS             | 1                                                                                                                                                                                                                                                                                                                                   |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 2.5V 800mA SOT-223-3                                                                                                                                                                                                                                                            |
| CURRENT - QUIESCENT (IQ)         | 130µA                                                                                                                                                                                                                                                                                                                               |
| CURRENT - OUTPUT                 | 800mA                                                                                                                                                                                                                                                                                                                               |
| CONTROL FEATURES                 | -                                                                                                                                                                                                                                                                                                                                   |
| BASE PART NUMBER                 | TC1264                                                                                                                                                                                                                                                                                                                              |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology TC1264-2.5VDBTR | TC1264-2.5VDBTR Distributor            | TC1264-2.5VDBTR Supplier                               |
| TC1264-2.5VDBTR Price                         | TC1264-2.5VDBTR Pictures               | TC1264-2.5VDBTR Image                                  |
| TC1264-2.5VDBTR PDF Datasheet                 | TC1264-2.5VDBTR Download Datasheet     | TC1264-2.5VDBTR Datasheet                              |
| TC1264-2.5VDBTR Stock                         | Buy TC1264-2.5VDBTR                    | Buy Micrel / Microchip Technology TC1264-2.5VDBTR      |
| Micrel / Microchip Technology TC1264-2.5VDBTR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology TC1264-2.5VDBTR | Microchip Technology TC1264-2.5VDBTR   | Roving Networks / Microchip Technology TC1264-2.5VDBTR |

Related Products

|                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                     |
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| <div>MICROCHIP</div> <div><b>TC1264-3.0VDBTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 800MA SOT223-3<br/>In stock: 178404 pcs</div> <div>RFQ</div> | <div></div> <div><b>TC1264-3.0VAB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 800MA TO220-3<br/>In stock: 138987 pcs</div> <div>RFQ</div>             |
| <div>MICROCHIP</div> <div><b>TC1264-3.3VDB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V 800MA SOT223-3<br/>In stock: 131641 pcs</div> <div>RFQ</div>    | <div></div> <div><b>TC1263-5.0VOATR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 500MA 8SOIC<br/>In stock: 217874 pcs</div> <div>RFQ</div>             |
| <div></div> <div><b>TC1264-3.3VAB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 800MA TO220-3<br/>In stock: 128889 pcs</div> <div>RFQ</div>           | <div></div> <div><b>TC1264-2.5VAB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 800MA TO220-3<br/>In stock: 93492 pcs</div> <div>RFQ</div>            |
| <div></div> <div><b>TC1264-1.8VAB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 800MA TO220-3<br/>In stock: 119490 pcs</div> <div>RFQ</div>           | <div>MICROCHIP</div> <div><b>TC1264-1.8VEBTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 800MA 3DDPAK<br/>In stock: 124626 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div><b>TC1264-1.8VDBTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.8V 800MA SOT223-3<br/>In stock: 151480 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div><b>TC1264-3.0VEBTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 800MA 3DDPAK<br/>In stock: 134585 pcs</div> <div>RFQ</div>   |
| <div>MICROCHIP</div> <div><b>TC1264-1.8VDB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.8V 800MA SOT223-3<br/>In stock: 4573 pcs</div> <div>RFQ</div>      | <div>MICROCHIP</div> <div><b>TC1264-2.5VEBTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 800MA 3DDPAK<br/>In stock: 113832 pcs</div> <div>RFQ</div> |