



## TC2117-1.8VDBTR

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|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TC2117-1.8VDBTR                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LIN 1.8V 800MA SOT223-3                                                                               |
| Datasheets:         |  1.TC2117-1.8VDBTR.pdf      |
|                     |  2.TC2117-1.8VDBTR.pdf      |
|                     |  3.TC2117-1.8VDBTR.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

### Specifications of TC2117-1.8VDBTR

|                                  |                                                                                                                                                                                                                                                                                                                                     |
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| PART NUMBER                      | TC2117-1.8VDBTR                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC REG LIN 1.8V 800MA SOT223-3                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       |  1.TC2117-1.8VDBTR.pdf<br> 2.TC2117-1.8VDBTR.pdf<br> 3.TC2117-1.8VDBTR.pdf |
| VOLTAGE DROPOUT (MAX)            | 1.2V @ 800mA                                                                                                                                                                                                                                                                                                                        |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V                                                                                                                                                                                                                                                                                                                                |
| 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                             | 55dB (1kHz)                                                                                                                                                                                                                                                                                                                         |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                                                                                                                               |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                                                                                                                            |
| OTHER NAMES                      | TC21171.8VDBTR                                                                                                                                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF REGULATORS             | 1                                                                                                                                                                                                                                                                                                                                   |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 800mA SOT-223-3                                                                                                                                                                                                                                                            |
| CURRENT - QUIESCENT (IQ)         | 130µA                                                                                                                                                                                                                                                                                                                               |
| CURRENT - OUTPUT                 | 800mA                                                                                                                                                                                                                                                                                                                               |
| CONTROL FEATURES                 | -                                                                                                                                                                                                                                                                                                                                   |
| BASE PART NUMBER                 | TC2117                                                                                                                                                                                                                                                                                                                              |

### Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology TC2117-1.8VDBTR | TC2117-1.8VDBTR Distributor            | TC2117-1.8VDBTR Supplier                               |
| TC2117-1.8VDBTR Price                         | TC2117-1.8VDBTR Pictures               | TC2117-1.8VDBTR Image                                  |
| TC2117-1.8VDBTR PDF Datasheet                 | TC2117-1.8VDBTR Download Datasheet     | TC2117-1.8VDBTR Datasheet                              |
| TC2117-1.8VDBTR Stock                         | Buy TC2117-1.8VDBTR                    | Buy Micrel / Microchip Technology TC2117-1.8VDBTR      |
| Micrel / Microchip Technology TC2117-1.8VDBTR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology TC2117-1.8VDBTR | Microchip Technology TC2117-1.8VDBTR   | Roving Networks / Microchip Technology TC2117-1.8VDBTR |

### Related Products

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|  <div><b>TC2117-3.0VDBTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 800MA SOT223-3<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>TC20B1500</b><br/>Manufacturers: Leader Tech Inc.<br/>Description: FERRITE CORE CLAMP 25.40MM<br/>In stock: Out stock</div> <div>RFQ</div>                         |
|  <div><b>TC210303C500G</b><br/>Manufacturers: Anytek (Amphenol Anytek)<br/>Description: 500 TB WIR PRO HI-TEMP<br/>In stock: Out stock</div> <div>RFQ</div>                 |  <div><b>TC20B2000</b><br/>Manufacturers: Leader Tech Inc.<br/>Description: FERRITE CORE CLAMP 25.40MM<br/>In stock: Out stock</div> <div>RFQ</div>                         |
|  <div><b>TC2117-2.5VDBTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.5V 800MA SOT223-3<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>TC2117-2.5VEBTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 800MA 3DDPAK<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>TC2117-3.0VEBTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 800MA 3DDPAK<br/>In stock: Out stock</div> <div>RFQ</div>   |  <div><b>TC210362A500G</b><br/>Manufacturers: Anytek (Amphenol Anytek)<br/>Description: 500 TB WIR PRO 180 SOLID<br/>In stock: Out stock</div> <div>RFQ</div>               |
|  <div><b>TC2103620000G</b><br/>Manufacturers: Anytek (Amphenol Anytek)<br/>Description: 500 TB WIR PRO 180D<br/>In stock: Out stock</div> <div>RFQ</div>                    |  <div><b>TC208</b><br/>Manufacturers: Apex Tool Group<br/>Description: HEATING ELEMENT FOR SOLDERING<br/>In stock: 9 pcs</div> <div>RFQ</div>                               |
|  <div><b>TC2117-3.3VDBTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V 800MA SOT223-3<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>TC2117-1.8VEBTR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 800MA 3DDPAK<br/>In stock: Out stock</div> <div>RFQ</div> |