

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

### TC1014-2.8VCT713

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TC1014-2.8VCT713                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 2.8V 50MA SOT23-5                                                                              |
|                     |  1.TC1014-2.8VCT713.pdf     |
|                     |  2.TC1014-2.8VCT713.pdf     |
|                     |  3.TC1014-2.8VCT713.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 422058 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of TC1014-2.8VCT713

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TC1014-2.8VCT713                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                          |
| DESCRIPTION                      | IC REG LINEAR 2.8V 50MA SOT23-5                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 422058 pcs                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.TC1014-2.8VCT713.pdf<br> 2.TC1014-2.8VCT713.pdf<br> 3.TC1014-2.8VCT713.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.12V @ 50mA                                                                                                                                                                                                                                                                                                                           |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.8V                                                                                                                                                                                                                                                                                                                                   |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                                                                                                                                      |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | SOT-23-5                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                                      |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                                                                                                                                                                                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | SC-74A, SOT-753                                                                                                                                                                                                                                                                                                                        |
| PSRR                             | 64dB (1kHz)                                                                                                                                                                                                                                                                                                                            |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                                                                                                                                  |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                                                                                                                               |
| OTHER NAMES                      | TC10142.8VCT713                                                                                                                                                                                                                                                                                                                        |
| 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 2.8V 50mA SOT-23-5                                                                                                                                                                                                                                                                 |
| CURRENT - QUIESCENT (IQ)         | 80µA                                                                                                                                                                                                                                                                                                                                   |
| CURRENT - OUTPUT                 | 50mA                                                                                                                                                                                                                                                                                                                                   |
| CONTROL FEATURES                 | Enable                                                                                                                                                                                                                                                                                                                                 |
| BASE PART NUMBER                 | TC1014                                                                                                                                                                                                                                                                                                                                 |

#### Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology TC1014-2.8VCT713 | TC1014-2.8VCT713 Distributor           | TC1014-2.8VCT713 Supplier                               |
| TC1014-2.8VCT713 Price                         | TC1014-2.8VCT713 Pictures              | TC1014-2.8VCT713 Image                                  |
| TC1014-2.8VCT713 PDF Datasheet                 | TC1014-2.8VCT713 Download Datasheet    | TC1014-2.8VCT713 Datasheet                              |
| TC1014-2.8VCT713 Stock                         | Buy TC1014-2.8VCT713                   | Buy Micrel / Microchip Technology TC1014-2.8VCT713      |
| Micrel / Microchip Technology TC1014-2.8VCT713 | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology TC1014-2.8VCT713 | Microchip Technology TC1014-2.8VCT713  | Roving Networks / Microchip Technology TC1014-2.8VCT713 |

#### Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>TC1014-2.5VCT713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 50MA SOT23-5<br/>In stock: 402074 pcs<br/><div>RFQ</div></div>   |  <div><b>TC1014-2.85VCT713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.85V 50MA SOT23-5<br/>In stock: 298344 pcs<br/><div>RFQ</div></div> |
|  <div><b>TC1014-2.7VCT713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.7V 50MA SOT23-5<br/>In stock: 310912 pcs<br/><div>RFQ</div></div>   |  <div><b>TC10102</b><br/>Manufacturers: Cornell Dubilier Electronics<br/>Description: CAP ALUM 1000UF 100V AXIAL<br/>In stock: 3032 pcs<br/><div>RFQ</div></div>                    |
|  <div><b>TC1014-2.6VCT713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.6V 50MA SOT23-5<br/>In stock: 339441 pcs<br/><div>RFQ</div></div>   |  <div><b>TC1014-3.6VCT713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 50MA SOT23-5<br/>In stock: 423814 pcs<br/><div>RFQ</div></div>   |
|  <div><b>TC1014-1.8VCT713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 50MA SOT23-5<br/>In stock: 323072 pcs<br/><div>RFQ</div></div>   |  <div><b>TC1014-3.3VCT713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 50MA SOT23-5<br/>In stock: 253974 pcs<br/><div>RFQ</div></div>   |
|  <div><b>TC1014-3.0VCT713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 50MA SOT23-5<br/>In stock: 365518 pcs<br/><div>RFQ</div></div>     |  <div><b>TC1014-4.0VCT713</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 4V 50MA SOT23-5<br/>In stock: 412435 pcs<br/><div>RFQ</div></div>     |
|  <div><b>TC1014-3.3VCT713-VAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 50MA SOT23-5<br/>In stock: 4279 pcs<br/><div>RFQ</div></div> |  <div><b>TC1014-3.0VCT713-VAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 50MA SOT23-5<br/>In stock: 5868 pcs<br/><div>RFQ</div></div>   |