



TL1431CDT

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | TL1431CDT                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                              |
| Product description | IC VREF SHUNT ADJ 8SO                                                                                           |
| Datasheets:         |  <a href="#">TL1431CDT.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

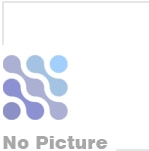
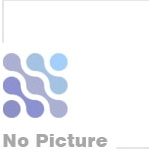
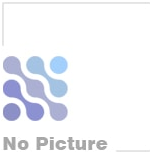
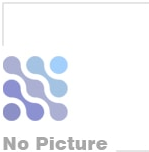
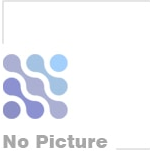
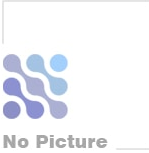
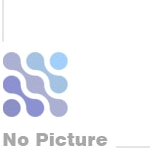
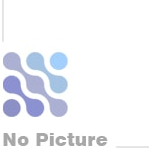
Specifications of TL1431CDT

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TL1431CDT                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                |
| DESCRIPTION                      | IC VREF SHUNT ADJ 8SO                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| DATA SHEET                       |  <a href="#">TL1431CDT.pdf</a> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                                                              |
| VOLTAGE - OUTPUT (MAX)           | 36V                                                                                                               |
| VOLTAGE - INPUT                  | -                                                                                                                 |
| TOLERANCE                        | ±0.4%                                                                                                             |
| TEMPERATURE COEFFICIENT          | 90ppm/°C                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 8-SO                                                                                                              |
| SERIES                           | -                                                                                                                 |
| REFERENCE TYPE                   | Shunt                                                                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                                  |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                     |
| OUTPUT TYPE                      | Adjustable                                                                                                        |
| OTHER NAMES                      | 497-7664-2<br>TL1431CDT-ND                                                                                        |
| OPERATING TEMPERATURE            | -20°C ~ 70°C (TA)                                                                                                 |
| NOISE - 10HZ TO 10KHZ            | -                                                                                                                 |
| NOISE - 0.1HZ TO 10HZ            | -                                                                                                                 |
| MOUNTING TYPE                    | Surface Mount                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 38 Weeks                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| DETAILED DESCRIPTION             | Shunt Voltage Reference IC 36V ±0.4% 100mA 8-SO                                                                   |
| CURRENT - SUPPLY                 | -                                                                                                                 |
| CURRENT - OUTPUT                 | 100mA                                                                                                             |
| CURRENT - CATHODE                | 1mA                                                                                                               |
| BASE PART NUMBER                 | TL1431                                                                                                            |

Related Tags

|                              |                              |                                  |
|------------------------------|------------------------------|----------------------------------|
| STMicroelectronics TL1431CDT | TL1431CDT Distributor        | TL1431CDT Supplier               |
| TL1431CDT Price              | TL1431CDT Pictures           | TL1431CDT Image                  |
| TL1431CDT PDF Datasheet      | TL1431CDT Download Datasheet | TL1431CDT Datasheet              |
| TL1431CDT Stock              | Buy TL1431CDT                | Buy STMicroelectronics TL1431CDT |
| STMicroelectronics TL1431CDT | STMicroelectronics Supplier  | STMicroelectronics Distributor   |
| STMicroelectronics TL1431CDT |                              |                                  |

Related Products

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>TL1431CDRG4</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ 8SOIC<br/>In stock: 442998 pcs<br/><b>RFQ</b></div>                 |  <div><b>TL1431CD</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC VREF SHUNT ADJ 8SO<br/>In stock: 198593 pcs<br/><b>RFQ</b></div> |
|  <div><b>TL1431CL3T</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC VREF SHUNT ADJ SOT23<br/>In stock: 269166 pcs<br/><b>RFQ</b></div>   |  <div><b>TL1431CDG4</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ 8SOIC<br/>In stock: 438771 pcs<br/><b>RFQ</b></div>            |
|  <div><b>TL1431CL5T</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC VREF SHUNT ADJ SOT23-5<br/>In stock: 270262 pcs<br/><b>RFQ</b></div> |  <div><b>TL1431CLPE3</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ TO92-3<br/>In stock: 403190 pcs<br/><b>RFQ</b></div>          |
|  <div><b>TL1431CLP</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ TO92-3<br/>In stock: 379770 pcs<br/><b>RFQ</b></div>                  |  <div><b>TL1431CDRE4</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ 8SOIC<br/>In stock: 421736 pcs<br/><b>RFQ</b></div>           |
|  <div><b>TL1431CDR</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ 8SOIC<br/>In stock: 450606 pcs<br/><b>RFQ</b></div>                   |  <div><b>TL1431CLPME3</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ TO92-3<br/>In stock: 88585 pcs<br/><b>RFQ</b></div>          |
|  <div><b>TL1431CDE4</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ 8SOIC<br/>In stock: 413688 pcs<br/><b>RFQ</b></div>                  |  <div><b>TL1431CLPR</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ TO92-3<br/>In stock: 491847 pcs<br/><b>RFQ</b></div>           |