



STMicroelectronics

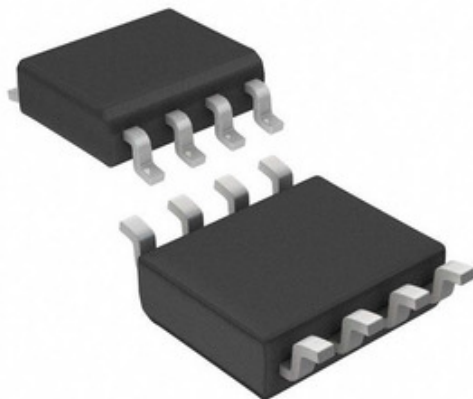


Image may be representation. See specifications for product details.

TL431ACD

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TL431ACD                                                                                                     |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC VREF SHUNT ADJ 8SO                                                                                        |
| Datasheets:         |  TL431ACD.pdf               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

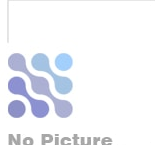
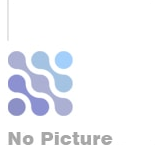
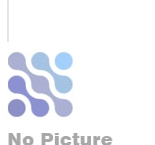
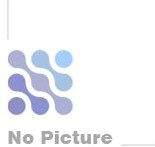
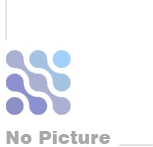
Specifications of TL431ACD

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TL431ACD                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                               |
| DESCRIPTION                      | IC VREF SHUNT ADJ 8SO                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| DATA SHEET                       |  TL431ACD.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.495V                                                                                           |
| VOLTAGE - OUTPUT (MAX)           | 36V                                                                                              |
| VOLTAGE - INPUT                  | -                                                                                                |
| TOLERANCE                        | ±1%                                                                                              |
| TEMPERATURE COEFFICIENT          | -                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 8-SO                                                                                             |
| SERIES                           | -                                                                                                |
| REFERENCE TYPE                   | Shunt                                                                                            |
| PACKAGING                        | Tube                                                                                             |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                    |
| OUTPUT TYPE                      | Adjustable                                                                                       |
| OTHER NAMES                      | TL431ACDST                                                                                       |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                  |
| NOISE - 10HZ TO 10KHZ            | -                                                                                                |
| NOISE - 0.1HZ TO 10HZ            | -                                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| DETAILED DESCRIPTION             | Shunt Voltage Reference IC 36V ±1% 100mA 8-SO                                                    |
| CURRENT - SUPPLY                 | -                                                                                                |
| CURRENT - OUTPUT                 | 100mA                                                                                            |
| CURRENT - CATHODE                | 600µA                                                                                            |
| BASE PART NUMBER                 | TL431                                                                                            |

Related Tags

|                             |                             |                                 |
|-----------------------------|-----------------------------|---------------------------------|
| STMicroelectronics TL431ACD | TL431ACD Distributor        | TL431ACD Supplier               |
| TL431ACD Price              | TL431ACD Pictures           | TL431ACD Image                  |
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Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>TL431ACD</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC VREF SHUNT ADJ 8SOP<br/>In stock: 5226 pcs<br/><b>RFQ</b></div> |  <div><b>TL430CLP</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ TO92-3<br/>In stock: 75015 pcs<br/><b>RFQ</b></div>                    |
|  <div><b>TL431ACDBVRE4</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ SOT23-5<br/>In stock: 506170 pcs<br/><b>RFQ</b></div>                        |  <div><b>TL431ACCT</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC VREF SHUNT ADJ SOT323-6<br/>In stock: 478219 pcs<br/><b>RFQ</b></div> |
|  <div><b>TL431ACDBVT</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ SOT23-5<br/>In stock: 204062 pcs<br/><b>RFQ</b></div>                          |  <div><b>TL43 BLU 50ML BTL</b><br/>Manufacturers: 3M<br/>Description: THREADLOCKER<br/>In stock: 3245 pcs<br/><b>RFQ</b></div>                         |
|  <div><b>TL431ACD</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ 8SOIC<br/>In stock: 450549 pcs<br/><b>RFQ</b></div>                               |  <div><b>TL431ACDBVRG4</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ SOT23-5<br/>In stock: 547053 pcs<br/><b>RFQ</b></div>             |
|  <div><b>TL430CLPR</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ TO92-3<br/>In stock: 6039 pcs<br/><b>RFQ</b></div>                               |  <div><b>TL430CLPE3</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ TO92-3<br/>In stock: 72568 pcs<br/><b>RFQ</b></div>                  |
|  <div><b>TL431ACDBVTE4</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ SOT23-5<br/>In stock: 5949 pcs<br/><b>RFQ</b></div>                          |  <div><b>TL431ACDBVR</b><br/>Manufacturers: N/A<br/>Description: IC VREF SHUNT ADJ SOT23-5<br/>In stock: 649205 pcs<br/><b>RFQ</b></div>               |