



Microsemi



TL431BIDM

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | TL431BIDM                                                                                                       |
| Manufacturer/Brand: | Microsemi                                                                                                       |
| Product description | IC VREF SHUNT ADJ 8SOIC                                                                                         |
| Datasheets:         |  <a href="#">TL431BIDM.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 6844 pcs stock                                                                                                  |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

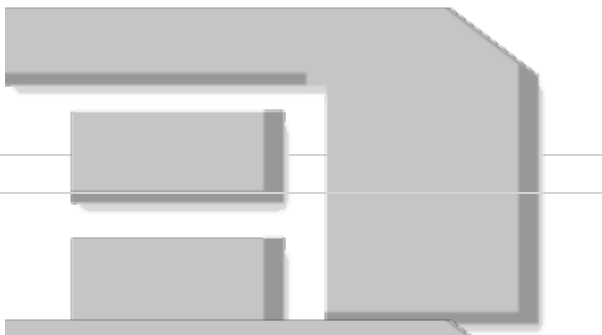
Specifications of TL431BIDM

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TL431BIDM                                                                                                         |
| MANUFACTURER                     | Microsemi                                                                                                         |
| DESCRIPTION                      | IC VREF SHUNT ADJ 8SOIC                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| QUANTITY AVAILABLE               | 6844 pcs                                                                                                          |
| DATA SHEET                       |  <a href="#">TL431BIDM.pdf</a> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                                                              |
| VOLTAGE - OUTPUT (MAX)           | 36V                                                                                                               |
| VOLTAGE - INPUT                  | -                                                                                                                 |
| TOLERANCE                        | ±0.4%                                                                                                             |
| TEMPERATURE COEFFICIENT          | 30ppm/°C Typical                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                            |
| SERIES                           | -                                                                                                                 |
| REFERENCE TYPE                   | Shunt                                                                                                             |
| PACKAGING                        | Tube                                                                                                              |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                     |
| OUTPUT TYPE                      | Adjustable                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°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 ±0.4% 100mA 8-SOIC                                                                 |
| CURRENT - SUPPLY                 | -                                                                                                                 |
| CURRENT - OUTPUT                 | 100mA                                                                                                             |
| CURRENT - CATHODE                | 1mA                                                                                                               |
| BASE PART NUMBER                 | TL431                                                                                                             |

Related Tags

|                                                    |                                               |                                                     |
|----------------------------------------------------|-----------------------------------------------|-----------------------------------------------------|
| Microsemi TL431BIDM                                | TL431BIDM Distributor                         | TL431BIDM Supplier                                  |
| TL431BIDM Price                                    | TL431BIDM Pictures                            | TL431BIDM Image                                     |
| TL431BIDM PDF Datasheet                            | TL431BIDM Download Datasheet                  | TL431BIDM Datasheet                                 |
| TL431BIDM Stock                                    | Buy TL431BIDM                                 | Buy Microsemi TL431BIDM                             |
| Microsemi TL431BIDM                                | Microsemi Supplier                            | Microsemi Distributor                               |
| Microsemi TL431BIDM                                | Microsemi Analog Mixed Signal Group TL431BIDM | Microsemi Analog Mixed Signal Group [MIL] TL431BIDM |
| Microsemi Consumer Medical Product Group TL431BIDM | Microsemi HI-REL [MIL] TL431BIDM              | Microsemi Power Management Group TL431BIDM          |
| Microsemi Power Products Group TL431BIDM           | Microsemi SoC TL431BIDM                       | Microsemi Commercial Components Group TL431BIDM     |
| Microsemi Corporation TL431BIDM                    | Microsemi Solutions Sdn Bhd. TL431BIDM        |                                                     |

Related Products



**TL431BIDCKTG4**

Manufacturers: N/A  
Description: IC VREF SHUNT ADJ SC70  
In stock: 258464 pcs

RFQ



**TL431BIDCKTE4**

Manufacturers: N/A  
Description: IC VREF SHUNT ADJ SC70  
In stock: 274483 pcs

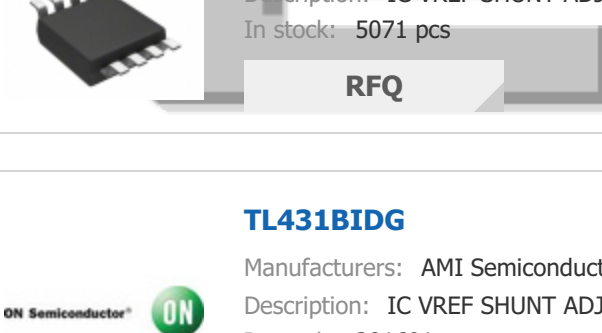
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**TL431BIDE4**

Manufacturers: N/A  
Description: IC VREF SHUNT ADJ 8SOIC  
In stock: 473120 pcs

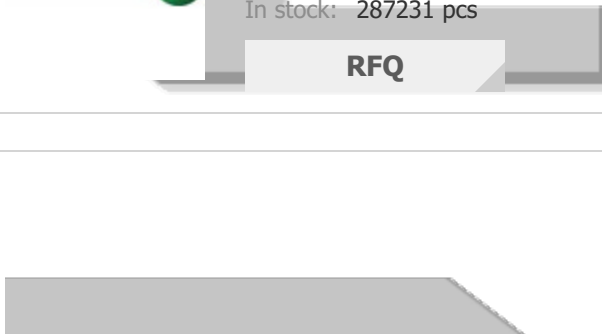
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**TL431BIDMR2**

Manufacturers: AMI Semiconductor / ON Semiconductor  
Description: IC VREF SHUNT ADJ MICRO8  
In stock: 5071 pcs

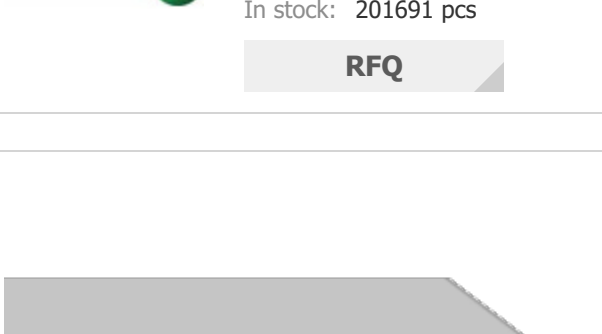
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**TL431BIDR2**

Manufacturers: AMI Semiconductor / ON Semiconductor  
Description: IC VREF SHUNT ADJ 8SOIC  
In stock: 287231 pcs

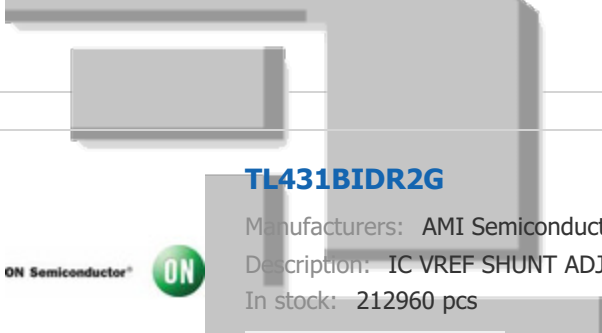
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**TL431BIG**

Manufacturers: AMI Semiconductor / ON Semiconductor  
Description: IC VREF SHUNT ADJ 8SOIC  
In stock: 201691 pcs

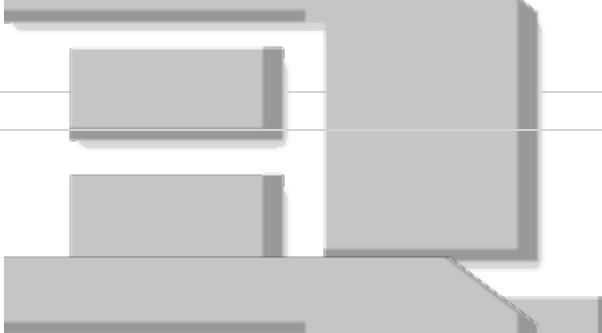
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**TL431BIDRE4**

Manufacturers: N/A  
Description: IC VREF SHUNT ADJ 8SOIC  
In stock: 576298 pcs

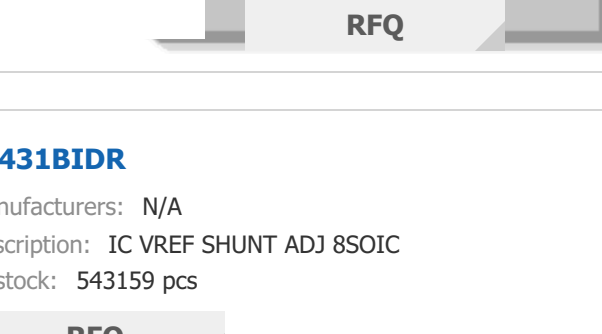
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**TL431BIDCKT**

Manufacturers: N/A  
Description: IC VREF SHUNT ADJ SC70  
In stock: 243336 pcs

RFQ



**TL431BIDR2G**

Manufacturers: AMI Semiconductor / ON Semiconductor  
Description: IC VREF SHUNT ADJ 8SOIC  
In stock: 212960 pcs

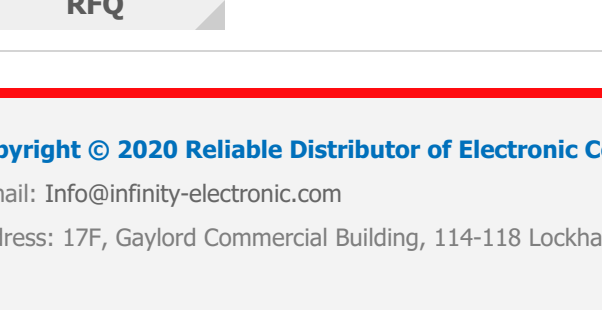
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**TL431BIG4**

Manufacturers: N/A  
Description: IC VREF SHUNT ADJ 8SOIC  
In stock: 450252 pcs

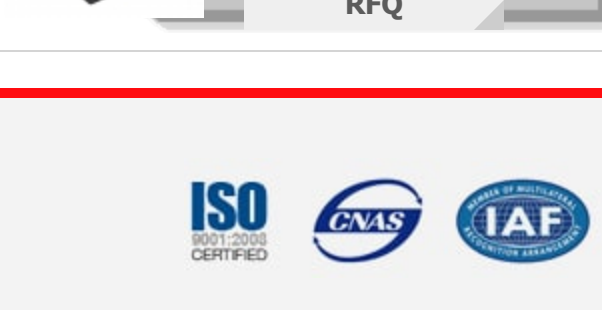
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**TL431BIDR**

Manufacturers: N/A  
Description: IC VREF SHUNT ADJ 8SOIC  
In stock: 543159 pcs

RFQ



**TL431BIDMR2G**

Manufacturers: AMI Semiconductor / ON Semiconductor  
Description: IC VREF SHUNT ADJ MICRO8  
In stock: 163987 pcs

RFQ

