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See specifications for product details.



TL431CDR2G

Manufacturer Part Number	TL431CDR2G
Manufacturer	onsemi
Allelco Part Number	32D-TL431CDR2G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC VREF SHUNT ADJ 2.2% 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	TL431(A, B), NCV431(A, B), SCV431A.pdf TL431(A, B), NCV431(A, B), SCV431A.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TL431CDR2G - onsemi.New Original in Stock. Download Linear Technology TL431CDR2G datasheet/specifications on AllelcoElec.com.
Request a quote for TL431CDR2G, please send us email: info@allelco.com

Specifications

TL431CDR2G Tech Specifications
TL431CDR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	2.495V	Output Type	Adjustable
Voltage - Output (Max)	36 V	Operating Temperature	0°C ~ 70°C (TA)
Voltage - Input	-	Noise - 10Hz to 10kHz	-
Tolerance	±2.2%	Noise - 0.1Hz to 10Hz	-
Temperature Coefficient	50ppm/°C Typical	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Current - Supply	-
Series	-	Current - Output	100 mA
Reference Type	Shunt	Current - Cathode	1 mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	TL431

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi TL431CDR2G

Product Attribute				
Part Number	TL431CDR2G	TL431CDR2	TL431CDMR2G	TL431CDT
Manufacturer	onsemi	onsemi	onsemi	STMicroelectronics
Series	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Input	-	-	-	-
Current - Cathode	1 mA	1 mA	1 mA	1 mA
Voltage - Output (Min/Fixed)	2.495V	2.495V	2.495V	2.495V
Temperature Coefficient	50ppm/°C Typical	50ppm/°C Typical	50ppm/°C Typical	-
Supplier Device Package	8-SOIC	8-SOIC	8-MSOP	8-SOIC
Current - Supply	-	-	-	-
Voltage - Output (Max)	36 V	36 V	36 V	36 V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)
Tolerance	±2.2%	±2.2%	±2.2%	±2.21%
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Noise - 10Hz to 10kHz	-	-	-	-
Current - Output	100 mA	100 mA	100 mA	100 mA
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Reference Type	Shunt	Shunt	Shunt	Shunt
Noise - 0.1Hz to 10Hz	-	-	-	-
Base Product Number	TL431	TL431	TL431	TL431

TL431CDR2G Datasheet PDF

Download TL431CDR2G pdf datasheets and onsemi documentation for TL431CDR2G - onsemi.

Datasheets

[TL431\(A, B\), NCV431\(A, B\), SCV431A.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration TL431CDR2G.pdf](#)

PCN Packaging

HTML Datasheet







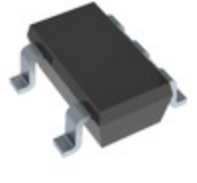




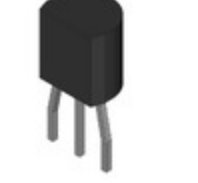






TL431(A, B), NCV431(A, B), SCV431A.pdf

PCN Assembly/Origin

TL431/LM317 14/Mar/2022.pdf

Customers Also Interested in

Recommended Products

 TL431CDR2 onsemi IC VREF SHUNT ADJ 2.2% 8SOIC	 TL431CDMR2G onsemi IC VREF SHUNT ADJ 2.2% MICRO8	 TL431CDT STMicroelectronics IC VREF SHUNT ADJ 2.21% 8SO	 TL431CDMR2 onsemi IC VREF SHUNT ADJ 2.2% MICRO8	 TL431CLP Microsemi Corporation IC VREF SHUNT ADJ 2% TO92-3	 TL431CKTPR Texas Instruments PRECISION SHUNT ADJUST REG TO252
 TL431CDBVT Texas Instruments IC VREF SHUNT ADJ 2.2% SOT23-5	 TL431CDBZR Texas Instruments IC VREF SHUNT ADJ 2.2% SOT23-3	 TL431CDBZRG4 Texas Instruments IC VREF SHUNT ADJ 2.2% SOT23-3	 TL431CF HTC	 TL431CDBZT Texas Instruments IC VREF SHUNT ADJ 2.2% SOT23-3	 TL431CLP Fairchild Semiconductor IC VREF SHUNT ADJ 2% TO92-3
 TL431CL5T STMicroelectronics IC VREF SHUNT ADJ 2.21% SOT23-5	 TL431CDBZR(T3CS) HG	 TL431CDG onsemi IC VREF SHUNT ADJ 2.2% 8SOIC	 TL431CL3T STMicroelectronics IC VREF SHUNT ADJ 2.21% SOT23-3	 TL431CDR Texas Instruments IC VREF SHUNT ADJ 2.2% 8SOIC	 TL431CDRG4 Texas Instruments IC VREF SHUNT ADJ 2.2% 8SOIC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
+00852 9146 4856
-  Email
info@allelco.com

Certifications & Memberships



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