



Image may be representation.
See specifications for product details.



TL431BIDR2

Manufacturer Part Number	TL431BIDR2
Manufacturer	onsemi
Allelco Part Number	32D-TL431BIDR2
ECAD Model	Request Free CAD Models
Parts Description	IC VREF SHUNT ADJ 0.4% 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

TL431BIDR2 - onsemi.New Original in Stock. Download Linear Technology TL431BIDR2 datasheet/specifications on AllelcoElec.com.
Request a quote for TL431BIDR2, please send us email: info@allelco.com

Specifications

TL431BIDR2 Tech Specifications

TL431BIDR2 - 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	-40°C ~ 85°C (TA)
Voltage - Input	-	Noise - 10Hz to 10kHz	-
Tolerance	±0.4%	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 TL431BIDR2

Product Attribute				
Part Number	TL431BIDR2	TL431BIDBZT	TL431BIDCKT	TL431BIPK
Manufacturer	onsemi	Texas Instruments	Texas Instruments	Texas Instruments
Reference Type	Shunt	Shunt	Shunt	Shunt
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Output (Max)	36 V	36 V	36 V	36 V
Base Product Number	TL431	TL431	TL431	TL431
Tolerance	±0.4%	±0.5%	±0.5%	±0.5%
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Output	100 mA	100 mA	100 mA	100 mA
Noise - 10Hz to 10kHz	-	-	-	-
Voltage - Output (Min/Fixed)	2.495V	2.495V	2.495V	2.495V
Voltage - Input	-	-	-	-
Supplier Device Package	8-SOIC	SOT-23-3	SC-70-6	SOT-89-3
Package / Case	8-SOIC (0.154', 3.90mm Width)	TO-236-3, SC-59, SOT-23-3	6-TSSOP, SC-88, SOT-363	TO-243AA
Current - Cathode	1 mA	700 µA	700 µA	700 µA
Noise - 0.1Hz to 10Hz	-	-	-	-
Current - Supply	-	-	-	-
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Series	-	-	-	-
Temperature Coefficient	50ppm/°C Typical	-	-	-

TL431BIDR2 Datasheet PDF

Download TL431BIDR2 pdf datasheets and onsemi documentation for TL431BIDR2 - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

PCN Obsolescence/ EOL



Customers Also Interested in

Recommended Products

**TL431BIDBZT**Texas Instruments
IC VREF SHUNT ADJ 0.5% SOT23-3

NO PICTURE

TL431BIDBZR KN**TL431BIDCKT**Texas Instruments
IC VREF SHUNT ADJ 0.5% SC70-6**TL431BIPK**Texas Instruments
IC VREF SHUNT ADJ 0.5% SOT89-3**TL431BIDR2G**onsemi
IC VREF SHUNT ADJ 0.4% 8SOIC**TL431BIDR**Texas Instruments
IC VREF SHUNT ADJ 0.5% 8SOIC**TL431BIDBVRG4**Texas Instruments
IC VREF SHUNT ADJ 0.5% SOT23-5**TL431BILPG**onsemi
IC VREF SHUNT ADJ 0.4% TO92-3**TL431BILPRAG**onsemi
IC VREF SHUNT ADJ 0.4% TO92-3**TL431BIDCKR**Texas Instruments
IC VREF SHUNT ADJ 0.5% SC70-6**TL431BILPR**Texas Instruments
IC VREF SHUNT ADJ 0.5% TO92-3**TL431BIDBZR**Texas Instruments
IC VREF SHUNT ADJ 0.5% SOT23-3**TL431BIDRG4**Texas Instruments
IC VREF SHUNT ADJ 0.5% 8SOIC**TL431BILP**Microsemi Corporation
IC VREF SHUNT ADJ 0.4% TO92-3**TL431BIDMR2G**onsemi
IC VREF SHUNT ADJ 0.4% MICRO8**TL431BILP**onsemi
IC VREF SHUNT ADJ 0.4% TO92-3**TL431BIDBZRG4**Texas Instruments
IC VREF SHUNT ADJ 0.5% SOT23-3**TL431BILP**Texas Instruments
IC VREF SHUNT ADJ 0.5% TO92-3

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

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Email

info@allelco.com

Certifications & Memberships



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