



Image may be representation.  
See specifications for product details.



## TL431BILPRAG

Manufacturer Part Number	<b>TL431BILPRAG</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-TL431BILPRAG
ECAD Model	Request Free CAD Models
Parts Description	IC VREF SHUNT ADJ 0.4% TO92-3
Package	TO-226-3, TO-92-3 (TO-226AA) Formed Leads
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
	<b>TL431(A, B), NCV431(A, B), SCV431A.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

TL431BILPRAG - onsemi.New Original in Stock. Download Linear Technology TL431BILPRAG datasheet/specifications on AllelcoElec.com.  
Request a quote for TL431BILPRAG, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TL431BILPRAG Tech Specifications

TL431BILPRAG - 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	Through Hole
Supplier Device Package	TO-92-3	Current - Supply	-
Series	-	Current - Output	100 mA
Reference Type	Shunt	Current - Cathode	1 mA
Package / Case	TO-226-3, TO-92-3 (TO-226AA) Formed Leads	Base Product Number	TL431

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi TL431BILPRAG

Product Attribute				
Part Number	TL431BILPRAG	TL431BQDBVR	TL431BILPR	TL431BILP
Manufacturer	onsemi	Texas Instruments	Texas Instruments	Texas Instruments
Package / Case	TO-226-3, TO-92-3 (TO-226AA) Formed Leads	SC-74A, SOT-753	TO-226-3, TO-92-3 (TO-226AA) Formed Leads	TO-226-3, TO-92-3 (TO-226AA)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Noise - 10Hz to 10kHz	-	-	-	-
Current - Supply	-	-	-	-
Reference Type	Shunt	Shunt	Shunt	Shunt
Voltage - Input	-	-	-	-
Temperature Coefficient	50ppm/°C Typical	-	-	-
Voltage - Output (Max)	36 V	36 V	36 V	36 V
Supplier Device Package	TO-92-3	SOT-23-5	TO-92-3	TO-92-3
Base Product Number	TL431	TL431	TL431	TL431
Mounting Type	Through Hole	Surface Mount	Through Hole	Through Hole
Tolerance	±0.4%	±0.5%	±0.5%	±0.5%
Series	-	-	-	-
Voltage - Output (Min/Fixed)	2.495V	2.495V	2.495V	2.495V
Current - Cathode	1 mA	700 µA	700 µA	700 µA
Noise - 0.1Hz to 10Hz	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Current - Output	100 mA	100 mA	100 mA	100 mA

### TL431BILPRAG Datasheet PDF

Download TL431BILPRAG pdf datasheets and onsemi documentation for TL431BILPRAG - onsemi.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)


#### Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration TL431BILPRAG.pdf](#)

#### HTML Datasheet

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

## PCN Assembly/Origin

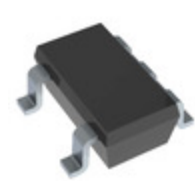












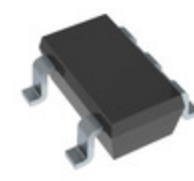




 2.73KHz.pdf

## PCN Design/Specification

 T092 Device DataSheet Update 3/Oct/2016.pdf

## Customers Also Interested in

### Recommended Products

					
<b>TL431BQDBVR</b> Texas Instruments IC VREF SHUNT ADJ 0.5% SOT23-5	<b>TL431BIDZR</b> Texas Instruments	<b>TL431BILPR</b> Texas Instruments IC VREF SHUNT ADJ 0.5% TO92-3	<b>TL431BMSDT</b> Freescale / NXP Semiconductors	<b>TL431BILP</b> Texas Instruments IC VREF SHUNT ADJ 0.5% TO92-3	<b>TL431BQD</b> Texas Instruments IC VREF SHUNT ADJ 0.5% 8SOIC
					
<b>TL431BIPKG3</b> Texas Instruments IC VREF SHUNT ADJ 0.5% SOT89-3	<b>TL431BMFDT</b> Nexperia	<b>TL431BIDR2</b> onsemi IC VREF SHUNT ADJ 0.4% 8SOIC	<b>TL431BILP</b> onsemi IC VREF SHUNT ADJ 0.4% TO92-3	<b>TL431BQDBZR</b> Texas Instruments IC VREF SHUNT ADJ 0.5% SOT23-3	<b>TL431BIDR2G</b> onsemi IC VREF SHUNT ADJ 0.4% 8SOIC
					
<b>TL431BIDRG4</b> Texas Instruments IC VREF SHUNT ADJ 0.5% 8SOIC	<b>TL431BQDBVT</b> Texas Instruments IC VREF SHUNT ADJ 0.5% SOT23-5	<b>TL431BILPG</b> onsemi IC VREF SHUNT ADJ 0.4% TO92-3	<b>TL431BIPK</b> Texas Instruments IC VREF SHUNT ADJ 0.5% SOT89-3	<b>TL431BILP</b> Microsemi Corporation IC VREF SHUNT ADJ 0.4% TO92-3	<b>TL431BIDR</b> Texas Instruments IC VREF SHUNT ADJ 0.5% 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 -

- |  |  |   |
|--|--|---|
| <br>Efficient Supply Management | <br>Cost-Saving Procurement | <br>Fast Sourcing & Delivery |
|--|--|---|

Contact us if you have any questions.

- |  |  |
|--|--|
| <br>Phone<br>+00852 9146 4856 | <br>Email<br>info@allelco.com |
|--|--|

### Certifications & Memberships



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