



Image may be representation.
See specifications for product details.



NCP431BISNT1G

Manufacturer Part Number	NCP431BISNT1G
Manufacturer	onsemi
Allelco Part Number	32D-NCP431BISNT1G
ECAD Model	Request Free CAD Models
Parts Description	IC VREF SHUNT ADJ 0.5% SOT23-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	NCP431A/B, SC431A/B, NCP432B, SC432B Series.pdf NCP431A/B, SC431A/B, NCP432B, SC432B Series.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP431BISNT1G - onsemi.New Original in Stock. Download Linear Technology NCP431BISNT1G datasheet/specifications on AllelcoElec.com.
Request a quote for NCP431BISNT1G, please send us email: info@allelco.com

Specifications

NCP431BISNT1G Tech Specifications

NCP431BISNT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	2.5V	Output Type	Adjustable
Voltage - Output (Max)	36 V	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Input	-	Noise - 10Hz to 10kHz	-
Tolerance	±0.5%	Noise - 0.1Hz to 10Hz	-
Temperature Coefficient	50ppm/°C Typical	Mounting Type	Surface Mount
Supplier Device Package	SOT-23-3 (TO-236)	Current - Supply	-
Series	-	Current - Output	100 mA
Reference Type	Shunt	Current - Cathode	60 µA
Package / Case	TO-236-3, SC-59, SOT-23-3	Base Product Number	NCP431

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP431BISNT1G

Product Attribute				
Part Number	NCP431BISNT1G	NCP431AVSNT1G	NCP431AISNT1G	NCP431BCSNT1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3
Current - Supply	-	-	-	-
Noise - 0.1Hz to 10Hz	-	-	-	-
Supplier Device Package	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)
Series	-	-	-	-
Base Product Number	NCP431	NCP431	NCP431	NCP431
Tolerance	±0.5%	±1%	±1%	±0.5%
Current - Output	100 mA	100 mA	100 mA	100 mA
Voltage - Input	-	-	-	-
Voltage - Output (Min/Fixed)	2.5V	2.5V	2.5V	2.5V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Current - Cathode	60 µA	60 µA	60 µA	60 µA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Temperature Coefficient	50ppm/°C Typical	50ppm/°C Typical	50ppm/°C Typical	50ppm/°C Typical
Voltage - Output (Max)	36 V	36 V	36 V	36 V
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Noise - 10Hz to 10kHz	-	-	-	-
Reference Type	Shunt	Shunt	Shunt	Shunt

NCP431BISNT1G Datasheet PDF

Download NCP431BISNT1G pdf datasheets and onsemi documentation for NCP431BISNT1G - onsemi.

Datasheets

NCP431A/B, SC431A/B, NCP432B, SC432B Series.pdf

Environmental Information

onsemi REACH.pdf

onsemi RoHS.pdf

Material Declaration NCP431BISNT1G.pdf

PCN Packaging

PCN Design/Specification

PCN Assembly/Origin

HTML Datasheet

Customers Also Interested in

Recommended Products

NCP4327ASNT1G onsemi SECONDARY SIDE CONSTANT V	NCP431AVSNT1G onsemi IC VREF SHUNT ADJ 1% SOT23-3	NCP431AISNT1G onsemi IC VREF SHUNT ADJ 1% SOT23-3	NCP431BCSNT1G onsemi IC VREF SHUNT ADJ 0.5% SOT23-3	NCP431AVDR2G onsemi IC VREF SHUNT ADJ 1% 8SOIC	NCP431AVLPG onsemi IC VREF SHUNT ADJ 1% TO92
NCP431ACDR2G onsemi IC VREF SHUNT ADJ 1% 8SOIC	NCP432BVSNT1G onsemi IC VREF SHUNT ADJ 0.5% SOT23-3	NCP431ACSNT1G onsemi IC VREF SHUNT ADJ 1% SOT23-3	NCP431ACLPRAG onsemi IC VREF SHUNT ADJ 1% TO92	NCP4328ASNT1G onsemi IC REG SECONDARY CTRL 10OUT 5TSOP	NCP431ACL AMI Semiconductor/onsemi
NCP431BVSNT1G onsemi IC VREF SHUNT ADJ 0.5% SOT23-3	NCP431BVPSNT1G onsemi IC VREF SHUNT ADJ 0.5% SOT23-3	NCP431AIDR2G onsemi IC VREF SHUNT ADJ 1% 8SOIC	NCP4326DR2G onsemi IC REG SECONDRY CTRL 30OUT 16SOIC	NCP432BCSNT1G onsemi IC VREF SHUNT ADJ 0.5% SOT23-3	NCP432BISNT1G onsemi IC VREF SHUNT ADJ 0.5% SOT23-3

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
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Contact us if you have any questions.

Phone +00852 9146 4856	Email info@allelco.com
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Certifications & Memberships



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