

Image may be representation.
See specifications for product details.



LM431SBCM3X

Manufacturer Part Number	LM431SBCM3X
Manufacturer	onsemi
Allelco Part Number	32D-LM431SBCM3X
ECAD Model	Request Free CAD Models
Parts Description	IC VREF SHUNT ADJ 1% SOT23-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	LM431SA, LM431SB, LM431SC.pdf LM431SA, LM431SB, LM431SC.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LM431SBCM3X - onsemi.New Original in Stock. Download Linear Technology LM431SBCM3X datasheet/specifications on AllelcoElec.com.
Request a quote for LM431SBCM3X, please send us email: info@allelco.com

Specifications

LM431SBCM3X Tech Specifications

LM431SBCM3X - 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	-25°C ~ 85°C (TA)
Voltage - Input	-	Noise - 10Hz to 10kHz	-
Tolerance	±1%	Noise - 0.1Hz to 10Hz	-
Temperature Coefficient	50ppm/°C Typical	Mounting Type	Surface Mount
Supplier Device Package	SOT-23-3	Current - Supply	-
Series	-	Current - Output	100 mA
Reference Type	Shunt	Current - Cathode	1 mA
Package / Case	TO-236-3, SC-59, SOT-23-3	Base Product Number	LM431

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi LM431SBCM3X

Product Attribute				
Part Number	LM431SBCM3X	LM431SAIMFX	LM431SACM32X	LM431SCCM3X
Manufacturer	onsemi	onsemi	Fairchild Semiconductor	onsemi
Reference Type	Shunt	Shunt	Shunt	Shunt
Series	-	-	-	-
Package / Case	TO-236-3, SC-59, SOT-23-3	SOT-23-3 Flat Leads	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3
Temperature Coefficient	50ppm/°C Typical	50ppm/°C Typical	50ppm/°C Typical	50ppm/°C Typical
Noise - 0.1Hz to 10Hz	-	-	-	-
Noise - 10Hz to 10kHz	-	-	-	-
Supplier Device Package	SOT-23-3	SOT-23F-3	SOT-23-3	SOT-23-3
Tolerance	±1%	±2%	±2%	±0.5%
Current - Cathode	1 mA	1 mA	1 mA	1 mA
Current - Output	100 mA	100 mA	100 mA	100 mA
Base Product Number	LM431	LM431	LM431	LM431
Voltage - Input	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Operating Temperature	-25°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-25°C ~ 85°C (TA)	-25°C ~ 85°C (TA)
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Current - Supply	-	-	-	-
Voltage - Output (Min/Fixed)	2.495V	2.5V	2.5V	2.495V
Voltage - Output (Max)	36 V	36 V	36 V	36 V

LM431SBCM3X Datasheet PDF

Download LM431SBCM3X pdf datasheets and onsemi documentation for LM431SBCM3X - onsemi.

Datasheets

[LM431SA, LM431SB, LM431SC.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration LM431SBCM3X.pdf](#)

PCN Design/Specification

PCN Packaging

Mult Devices 24/Oct/2017.pdf



















Binary Year Code Marking 15/Jan/2014.pdf

HTML Datasheet

LM431SA, LM431SB, LM431SC.pdf

Customers Also Interested in

Recommended Products

					
LM431SAIMFX onsemi IC VREF SHUNT ADJ 2% SOT23F-3	LM431SACM32X Fairchild Semiconductor IC VREF SHUNT ADJ 2% SOT23-3	LM431SCCM3X onsemi IC VREF SHUNT ADJ 0.5% SOT23-3	LM431SACM32X onsemi IC VREF SHUNT ADJ 2% SOT23-3	LM431SACMLX onsemi IC VREF SHUNT ADJ 2% SOT89-3	LM431SBCM32X onsemi IC VREF SHUNT ADJ 1% SOT23-3
					
LM432MAX Texas Instruments IC OPAMP GP 1MHZ 8SOIC	LM431SBCMFX onsemi IC VREF SHUNT ADJ 1% SOT23F-3	LM431SAIMFX Fairchild Semiconductor ADJUSTABLE/2.5 V, 2% TOLERANCE	LM432MA Texas Instruments IC OPAMP GP 1MHZ 8SOIC	LM431SCCMLX onsemi IC VREF SHUNT ADJ 0.5% SOT89-3	LM431SACM3X onsemi IC VREF SHUNT ADJ 2% SOT23-3
					
LM431SCCMFX Fairchild Semiconductor ADJUSTABLE/2.5 V, 0.5% TOLERANCE	LM431SCCMFX onsemi IC VREF SHUNT ADJ 0.5% SOT23F-3	LM431SACMFX onsemi IC VREF SHUNT ADJ 2% SOT23F-3	LM431SACMLX Fairchild Semiconductor IC VREF SHUNT ADJ 2% SOT89-3	LM431SCCM32X onsemi IC VREF SHUNT ADJ 0.5% SOT23-3	LM431SBCMMLX onsemi IC VREF SHUNT ADJ 1% SOT89-3

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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