



LM431SBCM32X Information



For Reference Only

Part Number LM431SBCM32X

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

DescriptionIC VREF SHUNT ADJ SOT23**Package**TO-236-3, SC-59, SOT-23-3

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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LM431SBCM32X Specifications

Manufacturer Part Number LM431SBCM32X Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) PMIC - Voltage Reference Package TO-236-3, SC-59, SOT-23-3 Series - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 2.495V Voltage - Output (Max) 36V Current - Output 100mA Tolerance ±1% Temperature Coefficient 50ppm/°C Typical Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10Hz - Voltage - Input - Current - Supply - Current - Cathode ImA Operating Temperature -25°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3		
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Voltage - Output (Min/Fixed)2.495 VVoltage - Output (Max)36 VCurrent - Output100mATolerance±1%Temperature Coefficient50ppm/°C TypicalNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - CathodeImAOperating Temperature-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Reference Type	Shunt
Voltage - Output (Max) Current - Output 100mA Tolerance ±1% Temperature Coefficient Noise - 0.1Hz to 10Hz Noise - 10Hz to 10kHz Voltage - Input - Current - Supply Current - Supply Current - Cathode 1mA Operating Temperature Package / Case Supplier Device Package 36V 100mA 100mA 50pm/°C Typical	Output Type	Adjustable
Current - Output Tolerance ±1% Temperature Coefficient Soppm/°C Typical Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode ImA Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package ±1% 50ppm/°C Typical - Supplier Device Package	Voltage - Output (Min/Fixed)	2.495V
Tolerance ±1% Temperature Coefficient 50ppm/°C Typical Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode ImA Operating Temperature -25°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Voltage - Output (Max)	36V
Temperature Coefficient Noise - 0.1Hz to 10Hz Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode Operating Temperature Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	Current - Output	100mA
Noise - 0.1Hz to 10Hz Noise - 10Hz to 10kHz Voltage - Input Current - Supply Current - Cathode ImA Operating Temperature -25°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	Tolerance	±1%
Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 1mA Operating Temperature -25°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Temperature Coefficient	50ppm/°C Typical
Voltage - Input Current - Supply - Current - Cathode ImA Operating Temperature -25°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	Noise - 0.1Hz to 10Hz	-
Current - Supply Current - Cathode ImA Operating Temperature -25°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	Noise - 10Hz to 10kHz	-
Current - Cathode 1mA Operating Temperature -25°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Voltage - Input	-
Operating Temperature -25°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Current - Supply	-
Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Current - Cathode	1mA
Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Operating Temperature	-25°C ~ 85°C (TA)
Supplier Device Package SOT-23-3	Mounting Type	Surface Mount
	Package / Case	TO-236-3, SC-59, SOT-23-3
Report errors?	Supplier Device Package	SOT-23-3
1		Report errors?

LM431SBCM32X Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

LM431SBCM32X Payment Methods



















LM431SBCM32X Shipping Methods













If you have any question about LM431SBCM32X, please do not hesitate to contact us!

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