



LM431SBCMFX Information



For Reference Only

Part Number LM431SBCMFX

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

Description IC VREF SHUNT ADJ SOT-23F

Package SOT-23-3 Flat Leads

For the pricing/inventory/lead time, please contact

us

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



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LM431SBCMFX Specifications

Manufacturer Part Number LM431SBCMFX Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) PACKage SOT-23-3 Flat Leads 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 10kHz - Voltage - Input - Current - Supply - Current - Supply - Current - Teathode ImA Operating Temperature -25°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case SOT-23-3 Flat Leads Supplier Device Package SOT-23Fa3		
Category Integrated Circuits (ICs) PMIC - Voltage Reference Package SOT-23-3 Flat Leads 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.Hz 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 SOT-23-3 Flat Leads Supplier Device Package SOT-23F-3	Manufacturer Part Number	LM431SBCMFX
Package SOT-23-3 Flat Leads 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 10kHz - Voltage - Input - Current - Supply - Current - Cathode ImA Operating Temperature -25°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case SOT-23-3 Flat Leads Supplier Device Package SOT-23F-3	Manufacturer	Fairchild/ON Semiconductor
Package SOT-23-3 Flat Leads 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 10kHz - Voltage - Input - Current - Supply - Current - Cathode ImA Operating Temperature -25°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case SOT-23-3 Flat Leads Supplier Device Package SOT-23F-3	Category	Integrated Circuits (ICs)
Series - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 2.495 V Voltage - Output (Max) 36 V Current - Output 100mA 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 SOT-23-3 Flat Leads Supplier Device Package SOT-23F-3		PMIC - Voltage Reference
Reference TypeShuntOutput TypeAdjustableVoltage - 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 / CaseSOT-23-3 Flat LeadsSupplier Device PackageSOT-23F-3	Package	SOT-23-3 Flat Leads
Output TypeAdjustableVoltage - 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 / CaseSOT-23-3 Flat LeadsSupplier Device PackageSOT-23F-3	Series	-
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Voltage - Output (Max) Current - Output 100mA Tolerance ±1% Temperature Coefficient 50ppm/°C Typical Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 1mA Operating Temperature -25°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case SOT-23-3 Flat Leads Supplier Device Package	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 - 10M - 10M - 10M - 10M - 10M 10M	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 SOT-23-3 Flat Leads Supplier Device Package	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 Supplier Device Package 50ppm/°C Typical - 50ppm/°C Typ	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 SOT-23F-3	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 SOT-23-3 Flat Leads Supplier Device Package SOT-23F-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 SOT-23-3 Flat Leads Supplier Device Package	Noise - 0.1Hz to 10Hz	-
Current - Supply Current - Cathode 1mA Operating Temperature -25°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case SOT-23-3 Flat Leads Supplier Device Package	Noise - 10Hz to 10kHz	-
Current - Cathode 1mA Operating Temperature -25°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case SOT-23-3 Flat Leads Supplier Device Package SOT-23F-3	Voltage - Input	-
Operating Temperature-25°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-3 Flat LeadsSupplier Device PackageSOT-23F-3	Current - Supply	-
Mounting TypeSurface MountPackage / CaseSOT-23-3 Flat LeadsSupplier Device PackageSOT-23F-3	Current - Cathode	1mA
Package / Case SOT-23-3 Flat Leads Supplier Device Package SOT-23F-3	Operating Temperature	-25°C ~ 85°C (TA)
Supplier Device Package SOT-23F-3	Mounting Type	Surface Mount
	Package / Case	SOT-23-3 Flat Leads
Report errors?	Supplier Device Package	SOT-23F-3
		Report errors?

LM431SBCMFX 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.

LM431SBCMFX Payment Methods



















LM431SBCMFX Shipping Methods













If you have any question about LM431SBCMFX, please do not hesitate to contact us!

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