



AS431ANTR-E1 Information



For Reference Only

Part Number AS431ANTR-E1

Manufacturer Diodes Incorporated

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

Description IC VREE SHINT AD ISO

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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AS431ANTR-E1 Specifications

Manufacturer Part Number AS431ANTR-E1 Manufacturer Diodes Incorporated Category Integrated Circuits (ICs) PACKAGE TO-236-3, SC-59, SOT-23-3 Series - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 36V Current - Output 100mA Tolerance ±0.5% Temperature Coefficient 20ppm/°C Typical Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Supply - Current - Cathode ImA Operating Temperature -40°C ~ 125°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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Series - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 36V Current - Output 100mA Tolerance ±0.5% Temperature Coefficient 20ppm/°C Typical Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode ImA Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3		PMIC - Voltage Reference
Reference TypeShuntOutput TypeAdjustableVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)36VCurrent - Output100mATolerance±0.5%Temperature Coefficient20ppm/°C TypicalNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - CathodeImAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Package	TO-236-3, SC-59, SOT-23-3
Output TypeAdjustableVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)36VCurrent - Output100mATolerance±0.5%Temperature Coefficient20ppm/°C TypicalNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - CathodeImAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Series	-
Voltage - Output (Min/Fixed) Voltage - Output (Max) Current - Output 100mA Tolerance ±0.5% Temperature Coefficient Noise - 0.1Hz to 10Hz Noise - 10Hz to 10kHz Voltage - Input - Current - Supply Current - Cathode Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SOT-23-3 Supplier Device Package	Reference Type	Shunt
Voltage - Output (Max)36VCurrent - Output100mATolerance±0.5%Temperature Coefficient20ppm/°C TypicalNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode1mAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Output Type	Adjustable
Current - Output Tolerance ±0.5% Temperature Coefficient Noise - 0.1Hz to 10Hz Noise - 10Hz to 10kHz - Noise - 10Hz to 10kHz - Current - Supply - Current - Cathode Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package ±0.5% 20pm/°C Typical - 20pm/°C Typical - 10Hz to 10kHz - 1	Voltage - Output (Min/Fixed)	2.5V
Tolerance ±0.5% Temperature Coefficient 20ppm/°C Typical Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode ImA Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 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 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 -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	Tolerance	±0.5%
Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 1mA Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Temperature Coefficient	20ppm/°C Typical
Voltage - Input Current - Supply - Current - Cathode ImA Operating Temperature -40°C ~ 125°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 -40°C ~ 125°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 $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Voltage - Input	-
Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-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	-40°C ~ 125°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
		Report errors?

AS431ANTR-E1 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.

AS431ANTR-E1 Payment Methods









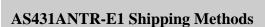
























If you have any question about AS431ANTR-E1, please do not hesitate to contact us!

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