



AZ9431BQSA-7 Information

Heisener.com

Part NumberAZ9431BQSA-7ManufacturerDiodes IncorporatedCategoryIntegrated Circuits (ICs)
PMIC - Voltage Reference

Description VREG SHUNT REGULATOR SOT23 T&R 3

Package TO-236-3, SC-59, SOT-23-3

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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AZ9431BQSA-7 Specifications

Manufacturer Part Number AZ9431BQSA-7 Manufacturer Diodes Incorporated 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) 1.24V Voltage - Output (Max) 18V Current - Output 100mA Tolerance ±1% Temperature Coefficient 20ppm/°C Typical Noise - 0.Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 80μA 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		
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Output TypeAdjustableVoltage - Output (Min/Fixed)1.24VVoltage - Output (Max)18VCurrent - Output100mATolerance±1%Temperature Coefficient20ppm/°C TypicalNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode80μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Series	*
Voltage - Output (Min/Fixed) Voltage - Output (Max) 18V Current - Output 100mA Tolerance ±1% Temperature Coefficient Noise - 0.1Hz to 10Hz Noise - 10Hz to 10kHz - Noise - 10Hz to 10kHz Voltage - Input - Current - Supply - Current - Cathode Operating Temperature 40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	Reference Type	Shunt
Voltage - Output (Max)18VCurrent - Output100mATolerance±1%Temperature Coefficient20ppm/°C TypicalNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode80μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Output Type	Adjustable
Current - Output $100 mA$ Tolerance $\pm 1\%$ Temperature Coefficient $20 ppm/^{\circ}C$ TypicalNoise - $0.1 Hz$ to $10 Hz$ -Noise - $10 Hz$ to $10 kHz$ -Voltage - Input-Current - Supply-Current - Cathode $80 \mu A$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Voltage - Output (Min/Fixed)	1.24V
Tolerance ±1% Temperature Coefficient 20ppm/°C Typical Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 80μA 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)	18V
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 - Cathode80μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Tolerance	±1%
Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode80μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Temperature Coefficient	20ppm/°C Typical
Voltage - Input-Current - Supply-Current - Cathode80μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Noise - 0.1Hz to 10Hz	-
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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	Current - Supply	-
Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Current - Cathode	80μΑ
Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package SOT-23	Mounting Type	Surface Mount
	Package / Case	TO-236-3, SC-59, SOT-23-3
Report errors?	Supplier Device Package	SOT-23
		Report errors?

AZ9431BQSA-7 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.

AZ9431BQSA-7 Payment Methods



















AZ9431BQSA-7 Shipping Methods













If you have any question about AZ9431BQSA-7, please do not hesitate to contact us!

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