



TLV431BQPK Information



For Reference Only

Part Number TLV431BQPK

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

Description IC VREF SHUNT ADJ SOT89-3

Package TO-243AA

For the pricing/inventory/lead time, please contact

us

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



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TLV431BQPK Specifications

Manufacturer Part Number TLV431BQPK Manufacturer Texas Instruments Category Integrated Circuits (ICs) Package TO-243AA Series - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 1.24V Voltage - Output (Max) 6V Current - Output 15mA Tolerance ±0.5% Temperature Coefficient - Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Supply - Operating Temperature 40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package SOT-89-3		
Category Integrated Circuits (ICs) PMIC - Voltage Reference Package TO-243AA Series - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 1.24V Voltage - Output (Max) 6V Current - Output 1.5mA Tolerance ±0.5% Temperature Coefficient - Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 100µA Operating Temperature -40°C - 125°C (TA) Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package SOT-89-3	Manufacturer Part Number	TLV431BQPK
Package TO-243AA Series - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 1.24V Voltage - Output (Max) 6V Current - Output 15mA Tolerance ±0.5% Temperature Coefficient - Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 100μA Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package SOT-89-3	Manufacturer	Texas Instruments
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Output TypeAdjustableVoltage - Output (Min/Fixed)1.24VVoltage - Output (Max)6VCurrent - Output15mATolerance±0.5%Temperature Coefficient-Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode100μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackageSOT-89-3	Series	-
Voltage - Output (Min/Fixed) Voltage - Output (Max) 6V Current - Output 15mA Tolerance ±0.5% Temperature Coefficient - Noise - 0.1Hz to 10Hz Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 100µA Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package	Reference Type	Shunt
Voltage - Output (Max)6VCurrent - Output15mATolerance±0.5%Temperature Coefficient-Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode100μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackageSOT-89-3	Output Type	Adjustable
Current - Output15mATolerance±0.5%Temperature Coefficient-Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode100μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackageSOT-89-3	Voltage - Output (Min/Fixed)	1.24V
Tolerance ±0.5% Temperature Coefficient - Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 100µA Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package	Voltage - Output (Max)	6V
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-243AA Supplier Device Package	Current - Output	15mA
Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode100μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackageSOT-89-3	Tolerance	±0.5%
Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode100μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackageSOT-89-3	Temperature Coefficient	-
Voltage - Input-Current - Supply-Current - Cathode 100μ AOperating Temperature -40° C ~ 125° C (TA)Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackageSOT-89-3	Noise - 0.1Hz to 10Hz	-
Current - Supply-Current - Cathode $100\mu A$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackageSOT-89-3	Noise - 10Hz to 10kHz	-
Current - Cathode $100\mu A$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA) Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package SOT-89-3	Voltage - Input	-
Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package SOT-89-3	Current - Supply	-
Mounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackageSOT-89-3	Current - Cathode	100μΑ
Package / Case TO-243AA Supplier Device Package SOT-89-3	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package SOT-89-3	Mounting Type	Surface Mount
	Package / Case	TO-243AA
Report errors?	Supplier Device Package	SOT-89-3
		Report errors?

TLV431BQPK 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.

TLV431BQPK Payment Methods





















TLV431BQPK Shipping Methods













If you have any question about TLV431BQPK, please do not hesitate to contact us!

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