



### **TLV431BIPKG3 Information**



For Reference Only

Part Number TLV431BIPKG3

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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# **Certified Quality**

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# **TLV431BIPKG3 Specifications**

Manufacturer Part Number         TLV431BIPKG3           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 - Cathode         100µA           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         TO-243AA		
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         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 ~ 85°C (TA)           Mounting Type         Surface Mount	Manufacturer Part Number	TLV431BIPKG3
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Reference TypeShuntOutput 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 ~ 85°C (TA)Mounting TypeSurface Mount	Package	TO-243AA
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 ~ 85°C (TA)Mounting TypeSurface Mount	Series	-
Voltage - 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 ~ 85°C (TA)Mounting TypeSurface Mount	Reference Type	Shunt
Voltage - Output (Max)6VCurrent - Output $15mA$ Tolerance $\pm 0.5\%$ Temperature Coefficient-Noise - $0.1Hz$ to $10Hz$ -Noise - $10Hz$ to $10kHz$ -Voltage - Input-Current - Supply-Current - Cathode $100\mu A$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting TypeSurface Mount	Output Type	Adjustable
Current - Output $15 mA$ Tolerance $\pm 0.5\%$ Temperature Coefficient-Noise - $0.1 Hz$ to $10 Hz$ -Noise - $10 Hz$ to $10 kHz$ -Voltage - Input-Current - Supply-Current - Cathode $100 \mu A$ Operating Temperature $-40^{\circ} C \sim 85^{\circ} C$ (TA)Mounting TypeSurface Mount	Voltage - Output (Min/Fixed)	1.24V
Tolerance $\pm 0.5\%$ Temperature Coefficient-Noise - 0.1Hz to $10$ Hz-Noise - 10Hz to $10$ kHz-Voltage - Input-Current - Supply-Current - Cathode $100\mu$ AOperating Temperature $-40^{\circ}$ C ~ $85^{\circ}$ C (TA)Mounting TypeSurface Mount	Voltage - Output (Max)	6V
Temperature Coefficient  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  -  Voltage - Input  -  Current - Supply  Current - Cathode  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  -  Surface Mount	Current - Output	15mA
Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode100μAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface Mount	Tolerance	±0.5%
Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode100μAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface Mount	Temperature Coefficient	-
Voltage - Input-Current - Supply-Current - Cathode $100\mu$ AOperating Temperature $-40^{\circ}$ C ~ 85°C (TA)Mounting TypeSurface Mount	Noise - 0.1Hz to 10Hz	-
Current - Supply-Current - Cathode $100\mu A$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting TypeSurface Mount	Noise - 10Hz to 10kHz	-
Current - Cathode $100\mu A$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)  Mounting Type Surface Mount	Voltage - Input	-
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)  Mounting Type Surface Mount	Current - Supply	-
Mounting Type Surface Mount	Current - Cathode	100μΑ
C 31	Operating Temperature	-40°C ~ 85°C (TA)
Package / Case TO-243AA	Mounting Type	Surface Mount
	Package / Case	TO-243AA
Supplier Device Package SOT-89-3	Supplier Device Package	SOT-89-3
Report errors?		Report errors?

### **TLV431BIPKG3 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.

## **TLV431BIPKG3 Payment Methods**



















### **TLV431BIPKG3 Shipping Methods**













If you have any question about TLV431BIPKG3, please do not hesitate to contact us!

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