

## **TLVH431BIDBVR**

## **TLVH431BIDBVR Information**



For Reference Only

Part Number TLVH431BIDBVR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

**Description** IC VREF SHUNT ADJ SOT23-5

Package SC-74A, SOT-753

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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# **TLVH431BIDBVR Specifications**

Manufacturer Part Number         TLVH431BIDBVR           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Package         SC-74A, SOT-753           Series         -           Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         1.24V           Voltage - Output (Max)         18V           Current - Output         70mA           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         SC-74A, SOT-753           Supplier Device Package         SC-74A, SOT-753		
Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         SC-74A, SOT-753           Series         -           Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         1.24V           Voltage - Output (Max)         18V           Current - Output         70mA           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         SC-74A, SOT-753           Supplier Device Package         SOT-23-5	Manufacturer Part Number	TLVH431BIDBVR
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Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         1.24V           Voltage - Output (Max)         18V           Current - Output         70mA           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         SC-74A, SOT-753           Supplier Device Package         SOT-23-5	Package	SC-74A, SOT-753
Output TypeAdjustableVoltage - Output (Min/Fixed)1.24VVoltage - Output (Max)18VCurrent - Output70mATolerance±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 MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Series	-
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Voltage - Output (Max)18VCurrent - Output70mATolerance±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 MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Output Type	Adjustable
Current - Output       70mA         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       SC-74A, SOT-753         Supplier Device Package       SOT-23-5	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 ~ 85°C (TA)  Mounting Type Surface Mount  Package / Case SC-74A, SOT-753  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  Supplier Device Package	Current - Output	70mA
Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode100μAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Tolerance	±0.5%
Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode100μAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Temperature Coefficient	-
Voltage - Input-Current - Supply-Current - Cathode $100\mu$ AOperating Temperature $-40^{\circ}$ C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Noise - 0.1Hz to 10Hz	-
Current - Supply-Current - Cathode $100\mu A$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Noise - 10Hz to 10kHz	-
Current - Cathode $100\mu A$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)  Mounting Type Surface Mount  Package / Case SC-74A, SOT-753  Supplier Device Package SOT-23-5	Voltage - Input	-
Operating Temperature -40°C ~ 85°C (TA)  Mounting Type Surface Mount  Package / Case SC-74A, SOT-753  Supplier Device Package SOT-23-5	Current - Supply	-
Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Current - Cathode	100μΑ
Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package SOT-23-5	Mounting Type	Surface Mount
	Package / Case	SC-74A, SOT-753
Donort arrows 9	Supplier Device Package	SOT-23-5
Report errors?		Report errors?

### **TLVH431BIDBVR 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.

## **TLVH431BIDBVR Payment Methods**



















# **TLVH431BIDBVR Shipping Methods**













If you have any question about TLVH431BIDBVR, please do not hesitate to contact us!

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