

## **TLVH431AIDBVR**

## **TLVH431AIDBVR Information**



For Reference Only

Part Number TLVH431AIDBVR

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**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## **TLVH431AIDBVR Specifications**

Manufacturer Part Number         TLVH431AIDBVR           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           PMIC - Voltage Reference         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         ±1%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         100µA		
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         ±1%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -	Manufacturer Part Number	TLVH431AIDBVR
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         ±1%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -	Manufacturer	Texas Instruments
Package SC-74A, SOT-753 Series - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 1.24V Voltage - Output (Max) 18V Current - Output Toutput 70mA Tolerance ±1% Temperature Coefficient - Noise - 0.1Hz to 10Hz Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply -	Category	Integrated Circuits (ICs)
Series - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 1.24V Voltage - Output (Max) 18V Current - Output Type 70mA Tolerance ±1% Temperature Coefficient - Noise - 0.1Hz to 10Hz Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply		PMIC - Voltage Reference
Reference Type Output Type Adjustable Voltage - Output (Min/Fixed) 1.24V Voltage - Output (Max) 18V Current - Output 70mA Tolerance ±1% Temperature Coefficient - Noise - 0.1Hz to 10Hz Noise - 10Hz to 10kHz - Voltage - Input Current - Supply -	Package	SC-74A, SOT-753
Output Type  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  18V  Current - Output  70mA  Tolerance  ±1%  Temperature Coefficient  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  Voltage - Input  Current - Supply  Adjustable  Adjustable  Adjustable  Adjustable  1.24V  Adjustable  Adjustabl	Series	-
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  18V  Current - Output  70mA  Tolerance  ±1%  Temperature Coefficient  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  Voltage - Input  Current - Supply  1.24V  18V	Reference Type	Shunt
Voltage - Output (Max)  Current - Output  70mA  Tolerance  ±1%  Temperature Coefficient  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  Voltage - Input  Current - Supply  18V  70mA	Output Type	Adjustable
Current - Output       70mA         Tolerance       ±1%         Temperature Coefficient       -         Noise - 0.1Hz to 10Hz       -         Noise - 10Hz to 10kHz       -         Voltage - Input       -         Current - Supply       -	Voltage - Output (Min/Fixed)	1.24V
Tolerance ±1%  Temperature Coefficient -  Noise - 0.1Hz to 10Hz -  Noise - 10Hz to 10kHz -  Voltage - Input -  Current - Supply -	Voltage - Output (Max)	18V
Temperature Coefficient - Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply -	Current - Output	70mA
Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  Voltage - Input  Current - Supply  -	Tolerance	$\pm 1\%$
Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply -	Temperature Coefficient	-
Voltage - Input - Current - Supply -	Noise - 0.1Hz to 10Hz	-
Current - Supply -	Noise - 10Hz to 10kHz	-
	Voltage - Input	-
Current - Cathode 100µA	Current - Supply	-
	Current - Cathode	100μΑ
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$	Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case SC-74A, SOT-753	Package / Case	SC-74A, SOT-753
Supplier Device Package SOT-23-5	Supplier Device Package	SOT-23-5
Report errors?		Report errors?

#### **TLVH431AIDBVR 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.

## **TLVH431AIDBVR Payment Methods**



















### **TLVH431AIDBVR Shipping Methods**













If you have any question about TLVH431AIDBVR, please do not hesitate to contact us!

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