

## LMV431IM5X/NOPB

#### LMV431IM5X/NOPB Information



For Reference Only

Part Number LMV431IM5X/NOPB

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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# LMV431IM5X/NOPB Specifications

Manufacturer Part Number         LMV431IM5X/NOPB           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)         30V           Current - Output         15mA           Tolerance         ±1.5%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         80µA           Operating Temperature         40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         SC-74A, SOT-753           Supplier Device Package         SOT-23-5		
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)         30V           Current - Output         1.5mA           Tolerance         ±1.5%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         80μA           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	LMV431IM5X/NOPB
Package         SC-74A, SOT-753           Series         -           Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         1.24V           Voltage - Output (Max)         30V           Current - Output         15mA           Tolerance         ±1.5%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         80μA           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         SC-74A, SOT-753           Supplier Device Package         SOT-23-5	Manufacturer	Texas Instruments
Package         SC-74A, SOT-753           Series         -           Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         1.24V           Voltage - Output (Max)         30V           Current - Output         15mA           Tolerance         ±1.5%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         80μA           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         SC-74A, SOT-753           Supplier Device Package         SOT-23-5	Category	Integrated Circuits (ICs)
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Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         1.24V           Voltage - Output (Max)         30V           Current - Output         15mA           Tolerance         ±1.5%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         80μA           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 Type Adjustable  Voltage - Output (Min/Fixed) 1.24V  Voltage - Output (Max) 30V  Current - Output 15mA  Tolerance ±1.5%  Temperature Coefficient - Council - Co	Series	-
Voltage - Output (Min/Fixed)1.24VVoltage - Output (Max)30VCurrent - Output15mATolerance±1.5%Temperature Coefficient-Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode80μAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Reference Type	Shunt
Voltage - Output (Max)  Current - Output  15mA  Tolerance  ±1.5%  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  Package / Case  SOT-23-5	Output Type	Adjustable
Current - Output       15mA         Tolerance       ±1.5%         Temperature Coefficient       -         Noise - 0.1Hz to 10Hz       -         Noise - 10Hz to 10kHz       -         Voltage - Input       -         Current - Supply       -         Current - Cathode       80μA         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 ±1.5%  Temperature Coefficient - Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 80μA Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package	Voltage - Output (Max)	30V
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  SC-74A, SOT-753  Supplier Device Package	Current - Output	15mA
Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode80μAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Tolerance	±1.5%
Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode80μAOperating 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 $80\mu A$ 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	Noise - 0.1Hz to 10Hz	-
Current - Supply-Current - Cathode $80\mu A$ 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 $80\mu A$ 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 Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Current - Cathode	80μΑ
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
Report errors?	Supplier Device Package	SOT-23-5
		Report errors?

#### LMV431IM5X/NOPB 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.

### LMV431IM5X/NOPB Payment Methods



















### LMV431IM5X/NOPB Shipping Methods













If you have any question about LMV431IM5X/NOPB, please do not hesitate to contact us!

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