



### **IRU431-L5TR Information**



For Reference Only

Part Number IRU431-L5TR

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

**Description** IC VREF SHUNT ADJ +/-1% 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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# **IRU431-L5TR Specifications**

Manufacturer Part Number         IRU431-L5TR           Manufacturer         Infineon Technologies           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)         15V           Current - Output         10mA           Tolerance         ±1%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Supply         -           Current - Cathode         80µA           Operating Temperature         0°C ~ 70°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)         15V           Current - Output         10mA           Tolerance         ±1%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         80μA           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         Surface Mount           Package / Case         SC-74A, SOT-753           Supplier Device Package         SOT-23-5	Manufacturer Part Number	IRU431-L5TR
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Voltage - Output (Max)  Current - Output  10mA  Tolerance ±1%  Temperature Coefficient - Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  - Voltage - Input - Current - Supply - Current - Cathode Operating Temperature 0°C ~ 70°C (TA)  Mounting Type Surface Mount Package / Case SOT-23-5	Output Type	Adjustable
Current - Output10mATolerance±1%Temperature Coefficient-Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode80μAOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Output (Min/Fixed)	1.24V
Tolerance ±1%  Temperature Coefficient -  Noise - 0.1Hz to 10Hz -  Noise - 10Hz to 10kHz -  Voltage - Input -  Current - Supply -  Current - Cathode 80μA  Operating Temperature 0°C ~ 70°C (TA)  Mounting Type Surface Mount  Package / Case SC-74A, SOT-753  Supplier Device Package	Voltage - Output (Max)	15V
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  SUPA  SOT-23-5	Current - Output	10mA
Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode80μAOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Tolerance	±1%
Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode80μAOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Temperature Coefficient	-
Voltage - Input-Current - Supply-Current - Cathode80μAOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Noise - 0.1Hz to 10Hz	-
Current - Supply-Current - Cathode $80\mu A$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Noise - 10Hz to 10kHz	-
Current - Cathode $80\mu A$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ (TA)  Mounting Type Surface Mount  Package / Case SC-74A, SOT-753  Supplier Device Package SOT-23-5	Voltage - Input	-
Operating Temperature 0°C ~ 70°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	80μΑ
Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
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?

#### **IRU431-L5TR 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.

# **IRU431-L5TR Payment Methods**





















### **IRU431-L5TR Shipping Methods**













If you have any question about IRU431-L5TR, please do not hesitate to contact us!

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