



## **TL1431CLPRE3 Information**



For Reference Only

Part Number TL1431CLPRE3

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

**Description** IC VREF SHUNT ADJ TO92-3

Package TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)

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.









## **TL1431CLPRE3 Specifications**

Manufacturer Part Number         TL1431CLPRE3           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Package         TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)           Series         -           Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         2.5 V           Voltage - Output (Max)         36V           Current - Output         100mA           Tolerance         ±0.4%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Supply         -           Current - Cathode         ImA           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)           Supplier Device Package         TO-92-3		
Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)           Series         -           Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         2.5V           Voltage - Output (Max)         36V           Current - Output         100mA           Tolerance         ±0.4%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         ImA           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)           Supplier Device Package         TO-92-3	Manufacturer Part Number	TL1431CLPRE3
Package         TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)           Series         -           Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         2.5V           Voltage - Output (Max)         36V           Current - Output         100mA           Tolerance         ±0.4%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         ImA           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)           Supplier Device Package         TO-92-3	Manufacturer	Texas Instruments
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Reference TypeShuntOutput TypeAdjustableVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)36VCurrent - Output100mATolerance±0.4%Temperature Coefficient-Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode1mAOperating Temperature0°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Package	TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)
Output Type Adjustable  Voltage - Output (Min/Fixed) 2.5V  Voltage - Output (Max) 36V  Current - Output 100mA  Tolerance ±0.4%  Temperature Coefficient - Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 1mA  Operating Temperature 0°C ~ 70°C (TA)  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)  Supplier Device Package TO-	Series	-
Voltage - Output (Min/Fixed)         2.5V           Voltage - Output (Max)         36V           Current - Output         100mA           Tolerance         ±0.4%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         ImA           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)           Supplier Device Package         TO-92-3	Reference Type	Shunt
Voltage - Output (Max)  Current - Output  100mA  Tolerance  ±0.4%  Temperature Coefficient  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  - Voltage - Input  Current - Supply  - Current - Cathode  1mA  Operating Temperature  0°C ~ 70°C (TA)  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)  Supplier Device Package	Output Type	Adjustable
Current - Output         100mA           Tolerance         ±0.4%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         ImA           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)           Supplier Device Package         TO-92-3	Voltage - Output (Min/Fixed)	2.5V
Tolerance ±0.4%  Temperature Coefficient -  Noise - 0.1Hz to 10Hz -  Noise - 10Hz to 10kHz -  Voltage - Input -  Current - Supply -  Current - Cathode ImA  Operating Temperature 0°C ~ 70°C (TA)  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)  Supplier Device Package TO-92-3	Voltage - Output (Max)	36V
Temperature Coefficient  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  -  Voltage - Input  -  Current - Supply  -  Current - Cathode  ImA  Operating Temperature  O°C ~ 70°C (TA)  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)  Supplier Device Package	Current - Output	100mA
Noise - 0.1Hz to 10Hz -  Noise - 10Hz to 10kHz -  Voltage - Input -  Current - Supply -  Current - Cathode ImA  Operating Temperature 0°C ~ 70°C (TA)  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)  Supplier Device Package TO-92-3	Tolerance	±0.4%
Noise - 10Hz to 10kHz -  Voltage - Input -  Current - Supply -  Current - Cathode ImA  Operating Temperature 0°C ~ 70°C (TA)  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)  Supplier Device Package TO-92-3	Temperature Coefficient	-
Voltage - Input  Current - Supply  - Current - Cathode  ImA  Operating Temperature  0°C ~ 70°C (TA)  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)  Supplier Device Package	Noise - 0.1Hz to 10Hz	-
Current - Supply -  Current - Cathode 1mA  Operating Temperature 0°C ~ 70°C (TA)  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)  Supplier Device Package TO-92-3	Noise - 10Hz to 10kHz	-
Current - Cathode 1mA  Operating Temperature 0°C ~ 70°C (TA)  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)  Supplier Device Package TO-92-3	Voltage - Input	-
Operating Temperature 0°C ~ 70°C (TA)  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)  Supplier Device Package TO-92-3	Current - Supply	-
Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Current - Cathode	1mA
Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
Supplier Device Package TO-92-3	Mounting Type	Through Hole
	Package / Case	TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)
Report errors?	Supplier Device Package	TO-92-3
		Report errors?

### **TL1431CLPRE3 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.

# **TL1431CLPRE3 Payment Methods**



















## **TL1431CLPRE3 Shipping Methods**













If you have any question about TL1431CLPRE3, please do not hesitate to contact us!

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