



TL431AIPG Information



For Reference Only

Part Number TL431AIPG

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

Description IC VREF SHUNT ADJ 8DIP **Package** 8-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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



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TL431AIPG Specifications

Manufacturer Part Number TL431AIPG Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Package 8-DIP (0.300", 7.62mm) Series - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 2.495V Voltage - Output (Max) 36V Current - Output 100mA Tolerance ±1% Temperature Coefficient 50ppm/°C Typical Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Supply - Current - Supply - Current - Cathode ImA Operating Temperature -40°C ~ 85°C (TA) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP		
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Voltage - Output (Min/Fixed)2.495VVoltage - Output (Max)36VCurrent - Output100mATolerance±1%Temperature Coefficient50ppm/°C TypicalNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode1mAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Reference Type	Shunt
Voltage - Output (Max) Current - Output 100mA Tolerance ±1% Temperature Coefficient 50ppm/°C Typical Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Supply - Current - Cathode 1mA Operating Temperature -40°C ~ 85°C (TA) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Output Type	Adjustable
Current - Output 100mA Tolerance ±1% Temperature Coefficient 50ppm/°C Typical Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode ImA Operating Temperature -40°C ~ 85°C (TA) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Voltage - Output (Min/Fixed)	2.495V
Tolerance ±1% Temperature Coefficient 50ppm/°C Typical Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 1mA Operating Temperature -40°C ~ 85°C (TA) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Voltage - Output (Max)	36V
Temperature Coefficient Noise - 0.1Hz to 10Hz Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply Current - Cathode Operating Temperature Mounting Type Package / Case Supplier Device Package 50ppm/°C Typical - 50ppm/°C	Current - Output	100mA
Noise - 0.1Hz to 10Hz Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode ImA Operating Temperature -40°C ~ 85°C (TA) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Tolerance	±1%
Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 1mA Operating Temperature -40°C ~ 85°C (TA) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Temperature Coefficient	50ppm/°C Typical
Voltage - Input Current - Supply - Current - Cathode ImA Operating Temperature -40°C ~ 85°C (TA) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Noise - 0.1Hz to 10Hz	-
Current - Supply Current - Cathode ImA Operating Temperature -40°C ~ 85°C (TA) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Noise - 10Hz to 10kHz	-
Current - Cathode 1mA Operating Temperature -40°C ~ 85°C (TA) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Voltage - Input	-
Operating Temperature -40°C ~ 85°C (TA) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Current - Supply	-
Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Current - Cathode	1mA
Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 8-PDIP	Mounting Type	Through Hole
	Package / Case	8-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	8-PDIP
		Report errors?

TL431AIPG 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.

TL431AIPG Payment Methods





















TL431AIPG Shipping Methods













If you have any question about TL431AIPG, please do not hesitate to contact us!

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