



TL431BCPG Information

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For Reference Only

Part Number TL431BCPG

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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TL431BCPG Specifications

Manufacturer Part Number TL431BCPG 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) 2.495 V Voltage - Output (Max) 36V Current - Output 100mA Tolerance ±0.4% Temperature Coefficient 50ppm/°C Typical 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 8-DIP (0.300", 7.62mm)		
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Series - Shunt Output Type		PMIC - Voltage Reference
Reference Type Output Type Adjustable Voltage - Output (Min/Fixed) 2.495V 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 Operating Temperature Mounting Type Package / Case Shunt Adjustable Asper	Package	8-DIP (0.300", 7.62mm)
Output Type Voltage - Output (Min/Fixed) 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 - Supply Current - Cathode Operating Temperature Mounting Type Adjustable 2.495V Abjustable	Series	-
Voltage - Output (Min/Fixed) 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 - Supply Current - Cathode Operating Temperature Mounting Type Package / Case 2.495V 2.495V 2.495V 2.495V 36V 100mA 100mA 50ppm/°C Typical	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 Operating Temperature Mounting Type Package / Case 36V 100mA ±0.4% 50ppm/°C Typical - - - - - - - - - - - - -	Output Type	Adjustable
Current - Output 100mA Tolerance ±0.4% Temperature Coefficient 50ppm/°C Typical 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 8-DIP (0.300", 7.62mm)	Voltage - Output (Min/Fixed)	2.495V
Tolerance ±0.4% Temperature Coefficient 50ppm/°C Typical 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 8-DIP (0.300", 7.62mm)	Voltage - Output (Max)	36V
Temperature Coefficient 50ppm/°C Typical 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 8-DIP (0.300", 7.62mm)	Current - Output	100mA
Noise - 0.1Hz to 10Hz Noise - 10Hz to 10kHz Voltage - Input - Current - Supply - Current - Cathode 1mA Operating Temperature Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm)	Tolerance	±0.4%
Noise - 10Hz to 10kHz Voltage - Input Current - Supply Current - Cathode ImA Operating Temperature O°C ~ 70°C (TA) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm)	Temperature Coefficient	50ppm/°C Typical
Voltage - Input - Current - Supply - Current - Cathode 1mA Operating Temperature 0°C ~ 70°C (TA) Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm)	Noise - 0.1Hz to 10Hz	-
Current - Supply-Current - Cathode 1mA Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)Mounting TypeThrough HolePackage / Case 8-DIP (0.300", 7.62mm)	Noise - 10Hz to 10kHz	-
Current - Cathode 1mA Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)Mounting TypeThrough HolePackage / Case 8-DIP (0.300", 7.62mm)	Voltage - Input	-
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$ Mounting Type Through Hole Package / Case 8-DIP $(0.300^{\circ}, 7.62 \text{mm})$	Current - Supply	-
Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm)	Current - Cathode	1mA
Package / Case 8-DIP (0.300", 7.62mm)	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
	Mounting Type	Through Hole
	Package / Case	8-DIP (0.300", 7.62mm)
Supplier Device Package 8-PDIP	Supplier Device Package	8-PDIP
Report errors?		Report errors?

TL431BCPG 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.

TL431BCPG Payment Methods



















TL431BCPG Shipping Methods













If you have any question about TL431BCPG, please do not hesitate to contact us!

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