



TL1431ACZ-AP Information



For Reference Only

Part Number TL1431ACZ-AP

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

Description IC VREF SHUNT ADJ TO92-3 **Package** TO-226-2, TO-92-2 (TO-226AC)

For the pricing/inventory/lead time, please contact

us

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



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TL1431ACZ-AP Specifications

Manufacturer Part Number TL1431ACZ-AP Manufacturer STMicroelectronics Category Integrated Circuits (ICs) PMIC - Voltage Reference Package TO-226-2, TO-92-2 (TO-226AC) Series - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 2.5 V Voltage - Output (Max) 36V Current - Output 100mA Tolerance ±0.25% Temperature Coefficient 90ppm/°C Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 600μA Operating Temperature -20°C ~ 70°C (TA) Mounting Type Through Hole Package / Case TO-226-2, TO-92-2 (TO-226AC) Supplier Device Package TO-92-3		
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Series - Reference Type Shunt Output Type Adjustable Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 36V Current - Output 100mA Tolerance ±0.25% Temperature Coefficient 90ppm/°C Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 600μA Operating Temperature -20°C ~ 70°C (TA) Mounting Type Through Hole Package / Case TO-226-2, TO-92-2 (TO-226AC) Supplier Device Package TO-92-3		PMIC - Voltage Reference
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Output TypeAdjustableVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)36VCurrent - Output100mATolerance±0.25%Temperature Coefficient90ppm/°CNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode600μAOperating Temperature-20°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-2, TO-92-2 (TO-226AC)Supplier Device PackageTO-92-3	Series	-
Voltage - Output (Min/Fixed)2.5VVoltage - Output (Max)36VCurrent - Output100mATolerance±0.25%Temperature Coefficient90ppm/°CNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode600μAOperating Temperature-20°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-2, TO-92-2 (TO-226AC)Supplier Device PackageTO-92-3	Reference Type	Shunt
Voltage - Output (Max)36VCurrent - Output100mATolerance±0.25%Temperature Coefficient90ppm/°CNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode600μAOperating Temperature-20°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-2, TO-92-2 (TO-226AC)Supplier Device PackageTO-92-3	Output Type	Adjustable
Current - Output 100mA Tolerance ±0.25% Temperature Coefficient 90ppm/°C Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 600μA Operating Temperature -20°C ~ 70°C (TA) Mounting Type Through Hole Package / Case TO-226-2, TO-92-2 (TO-226AC) Supplier Device Package TO-92-3	Voltage - Output (Min/Fixed)	2.5V
Tolerance ±0.25% Temperature Coefficient 90ppm/°C Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 600μA Operating Temperature -20°C ~ 70°C (TA) Mounting Type Through Hole Package / Case TO-226-2, TO-92-2 (TO-226AC) Supplier Device Package	Voltage - Output (Max)	36V
Temperature Coefficient90ppm/°CNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode600μAOperating Temperature-20°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-2, TO-92-2 (TO-226AC)Supplier Device PackageTO-92-3	Current - Output	100mA
Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode600μAOperating Temperature-20°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-2, TO-92-2 (TO-226AC)Supplier Device PackageTO-92-3	Tolerance	±0.25%
Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode600μAOperating Temperature-20°C ~ 70°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-2, TO-92-2 (TO-226AC)Supplier Device PackageTO-92-3	Temperature Coefficient	90ppm/°C
Voltage - Input Current - Supply - Current - Cathode 600μA Operating Temperature -20°C ~ 70°C (TA) Mounting Type Through Hole Package / Case TO-226-2, TO-92-2 (TO-226AC) Supplier Device Package TO-92-3	Noise - 0.1Hz to 10Hz	-
Current - Supply Current - Cathode 600μA Operating Temperature -20°C ~ 70°C (TA) Mounting Type Through Hole Package / Case TO-226-2, TO-92-2 (TO-226AC) Supplier Device Package TO-92-3	Noise - 10Hz to 10kHz	-
Current - Cathode $600\mu A$ Operating Temperature $-20^{\circ}C \sim 70^{\circ}C$ (TA) Mounting Type Through Hole Package / Case TO-226-2, TO-92-2 (TO-226AC) Supplier Device Package TO-92-3	Voltage - Input	-
Operating Temperature -20°C ~ 70°C (TA) Mounting Type Through Hole Package / Case TO-226-2, TO-92-2 (TO-226AC) Supplier Device Package TO-92-3	Current - Supply	-
Mounting Type Through Hole Package / Case TO-226-2, TO-92-2 (TO-226AC) Supplier Device Package TO-92-3	Current - Cathode	600μΑ
Package / Case TO-226-2, TO-92-2 (TO-226AC) Supplier Device Package TO-92-3	Operating Temperature	-20°C ~ 70 °C (TA)
Supplier Device Package TO-92-3	Mounting Type	Through Hole
	Package / Case	TO-226-2, TO-92-2 (TO-226AC)
Report errors?	Supplier Device Package	TO-92-3
		Report errors?

TL1431ACZ-AP 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.

TL1431ACZ-AP Payment Methods



















TL1431ACZ-AP Shipping Methods













If you have any question about TL1431ACZ-AP, please do not hesitate to contact us!

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