

# ZTL431ACSTZ

### **ZTL431ACSTZ Information**

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		Part Number	ZTL431ACSTZ	
		Manufacturer	Diodes Incorporated	
	www.neisener.com	Category	Integrated Circuits (ICs) PMIC - Voltage Reference	34 14 34
		Description	IC VREF SHUNT ADJ TO92-3	- 2367235-)
		Package	TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	
For Reference Only			For the pricing/inventory/lead time, please contact	- 19967754
			us	
	For Reference Only		Website: https://www.heisener.com	Request a Quote
		E-mail: salesdept@heisener.com	- request a Quoto	

# **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.



# **ZTL431ACSTZ Specifications**

Manufacturer   Diodes Incorporated     Category   Integrated Circuits (ICs)     PMIC - Voltage Reference   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)   20V     Current - Output   100mA     Tolerance   ±1%     Toles 1.0Hz   -     Noise - 0.1Hz to 10Hz   -     Noise - 1.0Hz   -     Voltage - Input   -     Voltage - Output (Max)   -     Tolerance   ±1%     Tolerance   -     Voltage - Input   -     Noise - 1.0Hz to 10Hz   -     Voltage - Input   -     Current - Supply   -     Current - Supply   -     Opparating Temperature   600µA     Output - Cathode   600µA     Opparating Temperature   40°C ~ 125°C (TA)     Mounting T			
CategoryIntegrated Circuits (ICs)PackageFMIC - Voltage ReferencePackageTO-226-3, TO-226AA) (Formed Leads)Series-Reference TypeShuntOutput TypeAdjustableVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)20VCurrent - Output100mATolerance±1%Tonperature Coefficient-Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10Hz-Voltage - Input-Current - Supply-Current - Supply-Output Type-Current - Supply-Current - Cathode600µAOperating Temperature-Mounting Type-Hough Hole-Package / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Manufacturer Part Number	ZTL431ACSTZ	
PMIC - Voltage ReferencePackageTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Series-Referenc TypeShuntOutput TypeAdjustableVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)00Current - Output100mATolerance±1%Romerature Coefficient-Noise - O.1Hz to 10Hz-Noise - O.1Hz to 10Hz-Voltage - Input-Voltage - Input-Output - Supply-Current - Supply-Operating Temperature600µAOutput - Cathode-Mounting Type-Package / CaseThrough HolePackage / CaseTO-92-3 (TO-226AA) (Formed Leads)	Manufacturer	Diodes Incorporated	
PackageTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Series-Reference TypeShuntOutput TypeAdjustableVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)20VCurrent - Output100mATolerance±1%Tomperature Coefficient-Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Voltage - Input-Ourrent - Supply-Current - Cathode600µAOperating Temperature-Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Category	Integrated Circuits (ICs)	
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Reference TypeShuntOutput TypeAdjustableOutput Qhin/Fixed)2.5VVoltage - Output (Max)20VCurrent - Output100mATolerance±1%Tomperature Coefficient-Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Supply600µAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, 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)   20V     Current - Output   100mA     Tolerance   ±1%     Temperature Coefficient   -     Noise - 0.1Hz to 10Hz   -     Noise - 10Hz to 10kHz   -     Voltage - Input   -     Current - Supply   -     Current - Cathode   600µA     Operating Temperature   +10°C ~ 125°C (TA)     Mounting Type   Through Hole     Package / Case   TO-92-3 (TO-92-3 (TO-226AA) (Formed Leads)	Series	-	
Voltage - Output (Min/Fixed)   2.5V     Voltage - Output (Max)   20V     Current - Output   100mA     Tolerance   ±1%     Temperature Coefficient   -     Noise - 0.1Hz to 10Hz   -     Noise - 10Hz to 10KHz   -     Voltage - Input   -     Current - Supply   -     Current - Cathode   600µA     Operating Temperature   -40°C ~ 125°C (TA)     Mounting Type   Through Hole     Package / Case   TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Reference Type	Shunt	
Voltage - Output (Max)20VCurrent - Output100mATolerance±1%Temperature Coefficient-Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10KHz-Voltage - Input-Current - Supply-Current - Cathode600µAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Output Type	Adjustable	
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Tolerance ±1%   Temperature Coefficient -   Noise - 0.1Hz to 10Hz -   Noise - 10Hz to 10kHz -   Voltage - Input -   Current - Supply -   Current - Cathode 600µA   Operating Temperature -40°C ~ 125°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)	20V	
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Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode600μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Tolerance	$\pm 1\%$	
Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode600μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Temperature Coefficient	-	
Voltage - Input-Current - Supply-Current - Cathode600μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Noise - 0.1Hz to 10Hz	-	
Current - Supply-Current - Cathode600μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Noise - 10Hz to 10kHz	-	
Current - Cathode600μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Voltage - Input	-	
Operating Temperature-40°C ~ 125°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Current - Supply	-	
Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Current - Cathode	600µA	
Package / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Operating Temperature	-40°C ~ 125°C (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?

#### **ZTL431ACSTZ 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.

#### ZTL431ACSTZ Payment Methods



## ZTL431ACSTZ Shipping Methods



If you have any question about ZTL431ACSTZ, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com