



# **TLV431ALPRM Information**



For Reference Only

Part Number TLV431ALPRM

Manufacturer ON Semiconductor

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



Request a Quote

# **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.









# **TLV431ALPRM Specifications**

Manufacturer Part Number         TLV431ALPRM           Manufacturer         ON Semiconductor           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)         1.24V           Voltage - Output (Max)         16V           Current - Output         20mA           Tolerance         ±1%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         80μA           Operating Temperature         -40°C ~ 85°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)         1.24V           Voltage - Output (Max)         16V           Current - Output         20mA           Tolerance         ±1%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         80μA           Operating Temperature         40°C ~ 85°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	TLV431ALPRM
Package         TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)           Series         -           Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         1.24V           Voltage - Output (Max)         16V           Current - Output         20mA           Tolerance         ±1%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         80μA           Operating Temperature         -40°C ~ 85°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	ON Semiconductor
Package         TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)           Series         -           Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         1.24V           Voltage - Output (Max)         16V           Current - Output         20mA           Tolerance         ±1%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         80μA           Operating Temperature         -40°C ~ 85°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)
Series         -           Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         1.24V           Voltage - Output (Max)         16V           Current - Output         20mA           Tolerance         ±1%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         80μA           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)           Supplier Device Package         TO-92-3		PMIC - Voltage Reference
Reference Type         Shunt           Output Type         Adjustable           Voltage - Output (Min/Fixed)         1.24V           Voltage - Output (Max)         16V           Current - Output         20mA           Tolerance         ±1%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         80µA           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)           Supplier Device Package         TO-92-3	Package	TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)
Output TypeAdjustableVoltage - Output (Min/Fixed)1.24VVoltage - Output (Max)16VCurrent - Output20mATolerance±1%Temperature Coefficient-Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode80μAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Series	-
Voltage - Output (Min/Fixed)         1.24V           Voltage - Output (Max)         16V           Current - Output         20mA           Tolerance         ±1%           Temperature Coefficient         -           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         80μA           Operating Temperature         -40°C ~ 85°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  20mA  Tolerance ±1%  Temperature Coefficient - Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  - Voltage - Input - Current - Supply - Current - Cathode  Operating Temperature  40°C ~ 85°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 20mA  Tolerance ±1%  Temperature Coefficient - Noise - 0.1Hz to 10Hz - Noise - 10Hz to 10kHz - Voltage - Input - Current - Supply - Current - Cathode 80µA  Operating Temperature 40°C ~ 85°C (TA)  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)  Supplier Device Package	Voltage - Output (Min/Fixed)	1.24V
Tolerance ±1%  Temperature Coefficient -  Noise - 0.1Hz to 10Hz -  Noise - 10Hz to 10kHz -  Voltage - Input -  Current - Supply -  Current - Cathode 80µA  Operating Temperature -40°C ~ 85°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)	16V
Temperature Coefficient  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  -  Voltage - Input  -  Current - Supply  -  Current - Cathode  Operating Temperature  40°C ~ 85°C (TA)  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)  Supplier Device Package	Current - Output	20mA
Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  -  Voltage - Input  -  Current - Supply  -  Current - Cathode  80μA  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)  Supplier Device Package	Tolerance	±1%
Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode80μAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Temperature Coefficient	-
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Noise - 0.1Hz to 10Hz	-
Current - Supply -  Current - Cathode 80µA  Operating Temperature -40°C ~ 85°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 $80\mu A$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (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  -40°C ~ 85°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	80μΑ
Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Operating Temperature	-40°C ~ 85°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?

### **TLV431ALPRM 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.

### **TLV431ALPRM Payment Methods**





















### **TLV431ALPRM Shipping Methods**













If you have any question about TLV431ALPRM, please do not hesitate to contact us!

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