

# TL431BILPRAG

equest a Quote

### **TL431BILPRAG Information**

Wark Inelsener.com	Part Number	TL431BILPRAG	
	Manufacturer	ON Semiconductor	
	Category	Integrated Circuits (ICs) PMIC - Voltage Reference	ļ
	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	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	

## **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.



## **TL431BILPRAG Specifications**

Manufacturer Part NumberTL431BILPRAGManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)PMIC - Voltage ReferencePackageTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Series-Reference TypeShuntOutput TypeAdjustableVoltage - Output (Min/Fixed)2.495 VVoltage - Output (Max)36 VCurrent - Output100mATolerance±0.4%Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10Hz-Voltage - Input-Qurrent - Supply-Current - Supply-Output Type-Noise - 10Hz to 10Hz-Noise - 10Hz to 10Hz-Output Type-Qurrent - Supply-Current - Supply-Current - CathodeImAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)		
CategoryIntegrated Circuits (ICs) PMIC - Voltage ReferencePackageTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)SeriesTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)SeriesSubatReference TypeShutOutput TypeAdjustableVoltage - Output (Min/Fixed)2.495VVoltage - Output (Max)SoVYoltage - Output (Max)SoVTolerance100mATolerance50pm/°C TypicalNoise - O.Hz to 10Hz-Noise - O.Hz to 10Hz-Voltage - Input-Voltage - Input-Output Type-Noise - O.Hz to 10Hz-Noise - O.Hz to 10Hz-Output To 20AD(To)-Output To 10Hz-Output To 10Hz-Output To 10Hz-Output To 10Hz-Output To 20AD(To)-Output To 20AD(To)	Manufacturer Part Number	TL431BILPRAG
PMIC - Voltage ReferencePackageTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Series-Reference TypeShuntOutput TypeAdjustableVoltage - Output (Min/Fixed)2.495VVoltage - Output (Max)36VCurrent - Output100mATolerance±0.4%Tomperature Coefficient50ppm/°C TypicalNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10KHz-Voltage - Input-Qurrent - Supply-Current - CathodeImAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / CaseTO-92-3 (TO-92-3 (TO-226AA) (Formed Leads)	Manufacturer	ON Semiconductor
PackageTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Series-Reference TypeShuntOutput TypeAdjustableVoltage - Output (Min/Fixed)2.495VVoltage - Output (Max)36VCurrent - Output100mATolerance±0.4%Tomperature Coefficient50ppm/°C TypicalNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10Hz-Voltage - Input-Qurrent - Supply-Current - CathodeImAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / CaseTO-92-3 (TO-92-6AA) (Formed Leads)Supplier Device PackageTO-92-3	Category	Integrated Circuits (ICs)
Series-Reference TypeShuntOutput TypeAdjustableVoltage - Output (Min/Fixed)2.495VVoltage - Output (Max)36VCurrent - Output100mACurrent - Output±0.4%Tolerance±0.4%Noise - 0.1Hz to 10Hz-Noise - 0.1Hz to 10Hz-Voltage - Input-Voltage - Input-Output - Current - Supply-Operating Temperature-Operating Temperature-Output Supply-Output Supply-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeThough HolePackage / CaseTO-92-3 (TO-92-6AA) (Formed Leads)Supplier Device PackageTO-92-3		PMIC - Voltage Reference
Reference TypeShuntReference TypeAdjustableOutput TypeAdjustableVoltage - Output (Min/Fixed)2.495VVoltage - Output (Max)36VCurrent - Output100mATolerance±0.4%Temperature Coefficient50ppm/°C TypicalNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - CathodeImAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / CaseTO-226.3, TO-92.3 (TO-226AA) (Formed Leads)	Package	TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)
Output Type Adjustable   Voltage - Output (Min/Fixed) 2.495V   Voltage - Output (Max) 36V   Current - Output 100mA   Tolerance ±0.4%   Temperature Coefficient 50ppm/°C Typical   Noise - 0.1Hz to 10Hz -   Noise - 0.1Hz to 10Hz -   Voltage - Input -   Voltage - Input -   Qurrent - Supply -   Current - Supply -   Operating Temperature +40°C ~ 85°C (TA)   Mounting Type Through Hole   Package / Case TO-226-3, TO-226AA) (Formed Leads)   Supplier Device Package TO-92-3	Series	-
Voltage - Output (Min/Fixed)2.495VVoltage - Output (Max)36VCurrent - Output100mATolerance±0.4%Temperature Coefficient50ppm/°C TypicalNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - CathodeImAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / CaseTO-92-3 (TO-226AA) (Formed Leads)	Reference Type	Shunt
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 - Supply -   Operating Temperature -   Mounting Type Through Hole   Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	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 ImA   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 (Min/Fixed)	2.495V
Image: Properties of the sector of	Voltage - Output (Max)	36V
Temperature Coefficient50ppm/°C TypicalNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - 1nput-Voltage - Input-Current - Supply-Current - CathodeImAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Current - Output	100mA
Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode1mAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-92-3	Tolerance	$\pm 0.4\%$
Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - CathodeImAOperating 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	50ppm/°C Typical
Voltage - Input-Current - Supply-Current - CathodeImAOperating Temperature-40°C ~ 85°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 - CathodeImAOperating Temperature-40°C ~ 85°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 - CathodeImAOperating Temperature-40°C ~ 85°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 ~ 85°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	1mA
Package / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Supplier Device PackageTO-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)
	Supplier Device Package	ТО-92-3
Report of Report		Report error

#### **TL431BILPRAG 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.

## **TL431BILPRAG Payment Methods**



### **TL431BILPRAG Shipping Methods**



If you have any question about TL431BILPRAG, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com