

### **NCV1009Z Information**



For Reference Only

Part Number NCV1009Z

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

**Description** IC VREF SHUNT 2.5V TO92-3 **Package** TO-226-3, TO-92-3 (TO-226AA)

For the pricing/inventory/lead time, please contact

us

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



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# **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.









# **NCV1009Z Specifications**

Manufacturer Part Number         NCV1009Z           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         TO-226-3, TO-92-3 (TO-226AA)           Series         -           Reference Type         Shunt           Output Type         Fixed           Voltage - Output (Min/Fixed)         2.5V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.32%           Temperature Coefficient         15ppm/°C Typical           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         400µA           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA)           Supplier Device Package         TO-92-3	<u>-</u>	
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Voltage - Output (Min/Fixed)         2.5 V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.32%           Temperature Coefficient         15ppm/°C Typical           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         -           Voltage - Input         -           Current - Supply         -           Current - Cathode         400µA           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA)           Supplier Device Package         TO-92-3	Reference Type	Shunt
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Current - Output10mATolerance±0.32%Temperature Coefficient15ppm/°C TypicalNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode400μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Voltage - Output (Min/Fixed)	2.5V
Tolerance ±0.32%  Temperature Coefficient 15ppm/°C Typical  Noise - 0.1Hz to 10Hz -  Noise - 10Hz to 10kHz -  Voltage - Input -  Current - Supply -  Current - Cathode 400μA  Operating Temperature 4.0°C ~ 125°C (TA)  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Voltage - Output (Max)	-
Temperature Coefficient  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  -  Voltage - Input  -  Current - Supply  -  Current - Cathode  Operating Temperature  Mounting Type  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Current - Output	10mA
Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode400μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Tolerance	±0.32%
Noise - 10Hz to 10kHz-Voltage - Input-Current - Supply-Current - Cathode400μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Temperature Coefficient	15ppm/°C Typical
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Noise - 0.1Hz to 10Hz	-
Current - Supply - Current - Cathode $400\mu A$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA) Mounting Type Through Hole Package / Case $TO-226-3$ , $TO-92-3$ (TO-226AA) Supplier Device Package	Noise - 10Hz to 10kHz	-
Current - Cathode $400\mu A$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package TO-92-3	Voltage - Input	-
Operating Temperature  -40°C ~ 125°C (TA)  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package  TO-92-3	Current - Supply	-
Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Current - Cathode	400μΑ
Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-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)
D	Supplier Device Package	TO-92-3
Report errors?		Report errors?

### **NCV1009Z 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.

## **NCV1009Z Payment Methods**





















### **NCV1009Z Shipping Methods**













If you have any question about NCV1009Z, please do not hesitate to contact us!

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