



#### LM285Z-2.5#PBF Information



For Reference Only

Part Number LM285Z-2.5#PBF

Manufacturer Linear Technology

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.









### LM285Z-2.5#PBF Specifications

Manufacturer Part Number         LM285Z-2.5#PBF           Manufacturer         Linear Technology           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         20mA           Tolerance         ±1.5%           Temperature Coefficient         20ppm/°C Typical           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         120μVrms           Voltage - Input         -           Current - Supply         -           Current - Cathode         20μA           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA)           Supplier Device Package         TO-92-3		
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Output TypeFixedVoltage - Output (Min/Fixed)2.5 VVoltage - Output (Max)-Current - Output20mATolerance±1.5%Temperature Coefficient20ppm/°C TypicalNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz120μVrmsVoltage - Input-Current - Supply-Current - Cathode20μAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Series	-
Voltage - Output (Min/Fixed)       2.5V         Voltage - Output (Max)       -         Current - Output       20mA         Tolerance       ±1.5%         Temperature Coefficient       20ppm/°C Typical         Noise - 0.1Hz to 10Hz       -         Noise - 10Hz to 10kHz       120μVrms         Voltage - Input       -         Current - Supply       -         Current - Cathode       20μA         Operating Temperature       -40°C ~ 85°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
Voltage - Output (Max)-Current - Output20mATolerance±1.5%Temperature Coefficient20ppm/°C TypicalNoise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz120μVrmsVoltage - Input-Current - Supply-Current - Cathode20μAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Output Type	Fixed
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Tolerance ±1.5%  Temperature Coefficient 20ppm/°C Typical  Noise - 0.1Hz to 10Hz -  Noise - 10Hz to 10kHz 120μVrms  Voltage - Input -  Current - Supply -  Current - Cathode 20μA  Operating Temperature -40°C ~ 85°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  120μVrms  Voltage - Input  - Current - Supply  Current - Cathode  Operating Temperature  Auo C ~ 85°C (TA)  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Current - Output	20mA
Noise - 0.1Hz to 10Hz-Noise - 10Hz to 10kHz120μVrmsVoltage - Input-Current - Supply-Current - Cathode20μAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Tolerance	±1.5%
Noise - 10Hz to 10kHz120μVrmsVoltage - Input-Current - Supply-Current - Cathode20μAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Temperature Coefficient	20ppm/°C Typical
Voltage - Input-Current - Supply-Current - Cathode $20\mu$ AOperating Temperature- $40^{\circ}$ C ~ $85^{\circ}$ C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Noise - 0.1Hz to 10Hz	-
Current - Supply-Current - Cathode20μAOperating Temperature-40°C ~ 85°C (TA)Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Noise - 10Hz to 10kHz	120μVrms
Current - Cathode $20\mu A$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)  Mounting Type Through Hole  Package / Case TO-226-3, TO-92-3 (TO-226AA)  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)  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	20μΑ
Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Supplier Device Package TO-92-3	Mounting Type	Through Hole
	Package / Case	TO-226-3, TO-92-3 (TO-226AA)
Report errors?	Supplier Device Package	TO-92-3
		Report errors?

#### LM285Z-2.5#PBF 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.

### LM285Z-2.5#PBF Payment Methods



















## LM285Z-2.5#PBF Shipping Methods













If you have any question about LM285Z-2.5#PBF, please do not hesitate to contact us!

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