



### LM385LPRE3-1-2 Information



For Reference Only

Part Number LM385LPRE3-1-2

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

**Description** IC VREF SHUNT 1.235V 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



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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.









## LM385LPRE3-1-2 Specifications

Manufacturer Part Number       LM385LPRE3-1-2         Manufacturer       Texas Instruments         Category       Integrated Circuits (ICs)         Package       TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)         Series       -         Reference Type       Shunt         Output Type       Fixed         Voltage - Output (Min/Fixed)       1.235V         Voltage - Output (Max)       -         Current - Output       20mA         Tolerance       ±2%         Temperature Coefficient       20ppm/°C Typical         Noise - 0.1Hz to 10Hz       -         Noise - 10Hz to 10kHz       60µVrms         Voltage - Input       -         Current - Supply       -         Current - Cathode       15µA         Operating Temperature       0°C ~ 70°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         Fixed           Voltage - Output (Min/Fixed)         1.235V           Voltage - Output (Max)         -           Current - Output         20mA           Tolerance         ±2%           Temperature Coefficient         20ppm/°C Typical           Noise - 0.1Hz to 10Hz         -           Noise - 10Hz to 10kHz         60μVrms           Voltage - Input         -           Current - Supply         -           Current - Cathode         15μA           Operating Temperature         0°C ~ 70°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	LM385LPRE3-1-2	
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Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Current - Output  20mA  Tolerance  ±2%  Temperature Coefficient  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  Voltage - Input  -  Current - Supply  Current - Supply  Current - Cathode  Operating Temperature  0°C ~ 70°C (TA)  Mounting Type  Package / Case  TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)  Supplier Device Package	Reference Type	Shunt	
Voltage - Output (Max)  Current - Output  20mA  Tolerance  ±2%  Temperature Coefficient  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  Voltage - Input  -  Current - Supply  Current - Cathode  Operating Temperature  O°C ~ 70°C (TA)  Mounting Type  Package / Case  TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)  Supplier Device Package  TO-92-3	Output Type	Fixed	
Current - Output 20mA   Tolerance $\pm 2\%$ Temperature Coefficient 20ppm/°C Typical   Noise - 0.1Hz to 10Hz -   Noise - 10Hz to 10kHz 60 $\mu$ Vrms   Voltage - Input -   Current - Supply -   Current - Cathode 15 $\mu$ A   Operating Temperature 0°C ~ 70°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)	1.235V	
Tolerance $\pm 2\%$ Temperature Coefficient $20ppm/^{\circ}C$ Typical  Noise - 0.1Hz to 10Hz -  Noise - 10Hz to 10kHz $60\mu Vrms$ Voltage - Input -  Current - Supply -  Current - Cathode $15\mu A$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ (TA)  Mounting Type Through Hole  Package / Case $TO-226-3$ , $TO-92-3$ ( $TO-226AA$ ) (Formed Leads)  Supplier Device Package	Voltage - Output (Max)	-	
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Noise - $0.1$ Hz to $10$ Hz    Noise - $10$ Hz to $10$ kHz $60\mu Vrms$ Voltage - Input    Current - Supply    Current - Cathode    Operating Temperature    Mounting Type    Through Hole    Package / Case    TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)    Supplier Device Package	Tolerance	±2%	
Noise - 10Hz to 10kHz 60 $\mu$ Vrms - Current - Supply - Current - Cathode 15 $\mu$ A Operating Temperature 0°C ~ 70°C (TA) Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package	Temperature Coefficient	20ppm/°C Typical	
$\begin{tabular}{lll} Voltage - Input & - & - & - & - & - & - & - & - & - & $	Noise - 0.1Hz to 10Hz	-	
$\begin{array}{cccc} Current - Supply & - \\ Current - Cathode & 15 \mu A \\ Operating Temperature & 0^{\circ}C \sim 70^{\circ}C \ (TA) \\ Mounting Type & Through Hole \\ Package / Case & TO-226-3, TO-92-3 \ (TO-226AA) \ (Formed Leads) \\ Supplier Device Package & TO-92-3 \end{array}$	Noise - 10Hz to 10kHz	60μVrms	
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Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Supplier Device Package TO-92-3	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$	
Supplier Device Package TO-92-3	Mounting Type	Through Hole	
	Package / Case	TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	
Report error	Supplier Device Package	TO-92-3	
			Report errors?

#### LM385LPRE3-1-2 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.

## LM385LPRE3-1-2 Payment Methods



















## LM385LPRE3-1-2 Shipping Methods













If you have any question about LM385LPRE3-1-2, please do not hesitate to contact us!

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