



REF3112AIDBZR Information



For Reference Only

Part Number REF3112AIDBZR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

Description IC VREF SERIES 1.25V SOT23-3 **Package** TO-236-3, SC-59, SOT-23-3

For the pricing/inventory/lead time, please contact

us

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



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REF3112AIDBZR Specifications

Manufacturer Part Number REF3112AIDBZR Manufacturer Texas Instruments Category Integrated Circuits (ICs) PACKAGE TO-236-3, SC-59, SOT-23-3 Series - Reference Type Series Output Type Fixed Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) - Current - Output 10mA Tolerance ±0.2% Temperature Coefficient 20pm/°C Noise - 0.1Hz to 10Hz 17μVp-p Noise - 10Hz to 10kHz 24μVrms Voltage - Input 1.8 V ~ 5.5 V Current - Supply 135μA Current - Cathode - Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3		
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Output TypeFixedVoltage - Output (Min/Fixed) $1.25V$ Voltage - Output (Max)-Current - Output $10mA$ Tolerance $\pm 0.2\%$ Temperature Coefficient $20pm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $17\mu Vp-p$ Noise - $10Hz$ to $10kHz$ $24\mu Vrms$ Voltage - Input $1.8 V \sim 5.5 V$ Current - Supply $135\mu A$ Current - Cathode-Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Series	-
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$ \begin{array}{c} Voltage - Output (Max) \\ Current - Output \\ Tolerance \\ \pm 0.2\% \\ Temperature Coefficient \\ Noise - 0.1Hz to 10Hz \\ Noise - 0.1Hz to 10Hz \\ Noise - 10Hz to 10KHz \\ Voltage - Input \\ Voltage - Input \\ Current - Supply \\ Current - Cathode \\ Operating Temperature \\ Operating Temperature \\ Mounting Type \\ Surface Mount \\ Package / Case \\ Supplier Device Package \\ \end{array} $	Output Type	Fixed
Current - Output $10mA$ Tolerance $\pm 0.2\%$ Temperature Coefficient $20ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $17\mu Vp-p$ Noise - $10Hz$ to $10kHz$ $24\mu Vrms$ Voltage - Input $1.8 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $135\mu A$ Current - Cathode-Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Voltage - Output (Min/Fixed)	1.25V
Tolerance $\pm 0.2\%$ Temperature Coefficient $20ppm/^{\circ}C$ Noise - 0.1Hz to 10Hz $17\mu Vp-p$ Noise - 10Hz to 10kHz $24\mu Vrms$ Voltage - Input $1.8 \ V \sim 5.5 \ V$ Current - Supply $135\mu A$ Current - Cathode - Querating Temperature $-40^{\circ}C \sim 125^{\circ}C \ (TA)$ Mounting Type Surface Mount Package / Case $TO-236-3$, SC-59, SOT-23-3 Supplier Device Package $SOT-23-3$	Voltage - Output (Max)	-
Temperature Coefficient 20ppm/°C Noise - 0.1Hz to 10Hz $17\mu\text{Vp-p}$ Noise - 10Hz to 10kHz $24\mu\text{Vrms}$ Voltage - Input $1.8 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $135\mu\text{A}$ Current - Cathode-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Current - Output	10mA
Noise - 0.1Hz to 10Hz $17\mu Vp-p$ Noise - 10Hz to 10kHz $24\mu Vrms$ Voltage - Input $1.8\ V \sim 5.5\ V$ Current - Supply $135\mu A$ Current - Cathode $-$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C\ (TA)$ Mounting Type $Surface\ Mount$ Package / Case $TO-236-3,\ SC-59,\ SOT-23-3$ Supplier Device Package	Tolerance	±0.2%
Noise - 10Hz to 10kHz $24\mu Vrms$ Voltage - Input $1.8 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $135\mu A$ Current - Cathode-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Temperature Coefficient	20ppm/°C
Voltage - Input $1.8 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $135\mu\text{A}$ Current - Cathode-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Noise - 0.1Hz to 10Hz	17μVp-p
Current - Supply135μACurrent - Cathode-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Noise - 10Hz to 10kHz	24μVrms
Current - Cathode Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Voltage - Input	1.8 V ~ 5.5 V
Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Current - Supply	135μΑ
Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Current - Cathode	-
Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package SOT-23-3	Mounting Type	Surface Mount
	Package / Case	TO-236-3, SC-59, SOT-23-3
Report errors?	Supplier Device Package	SOT-23-3
		Report errors?

REF3112AIDBZR 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.

REF3112AIDBZR Payment Methods



















REF3112AIDBZR Shipping Methods













If you have any question about REF3112AIDBZR, please do not hesitate to contact us!

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