

## **REF3312AIDCKTG4**

#### **REF3312AIDCKTG4 Information**



For Reference Only

Part Number REF3312AIDCKTG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

Description IC VREF SERIES 1.25V SC70

Package SC-70, SOT-323

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**

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# **REF3312AIDCKTG4 Specifications**

Manufacturer Part Number         REF3312AIDCKTG4           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Package         SC-70, SOT-323           Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         1.25V           Voltage - Output (Max)         -           Current - Output         30mA           Tolerance         ±0.15%           Temperature Coefficient         30ppm/°C           Noise - 0.1Hz to 10Hz         35μVp-p           Noise - 10Hz to 10kHz         -           Voltage - Input         1.8 V ~ 5.5 V           Current - Supply         8.5μA           Current - Cathode         -           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         SC-70, SOT-323           Supplier Device Package         SC-70-3		
Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         SC-70, SOT-323           Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         1.25 V           Voltage - Output (Max)         -           Current - Output         30mA           Tolerance         ±0.15%           Temperature Coefficient         30ppm/°C           Noise - 0.1Hz to 10Hz         35μVp-p           Noise - 10Hz to 10kHz         -           Voltage - Input         1.8 V ~ 5.5 V           Current - Supply         8.5μA           Current - Cathode         -           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         SC-70, SOT-323           Supplier Device Package         SC-70-3	Manufacturer Part Number	REF3312AIDCKTG4
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Voltage - Output (Max)  Current - Output  30mA  Tolerance  ±0.15%  Temperature Coefficient  30ppm/°C  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  - Voltage - Input  1.8 V ~ 5.5 V  Current - Supply  8.5µA  Current - Cathode  Operating Temperature  -40°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  SC-70, SOT-323  Supplier Device Package	Output Type	Fixed
Current - Output $30 mA$ Tolerance $\pm 0.15\%$ Temperature Coefficient $30 pm/^{\circ}C$ Noise - $0.1 Hz$ to $10 Hz$ $35 \mu Vp-p$ Noise - $10 Hz$ to $10 kHz$ -Voltage - Input $1.8 \ V \sim 5.5 \ V$ Current - Supply $8.5 \mu A$ Current - Cathode-Operating Temperature $-40^{\circ}C \sim 125^{\circ}C \ (TA)$ Mounting TypeSurface MountPackage / CaseSC-70, SOT-323Supplier Device PackageSC-70-3	Voltage - Output (Min/Fixed)	1.25V
Tolerance $\pm 0.15\%$ Temperature Coefficient $30pm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $35\mu Vp-p$ Noise - $10Hz$ to $10kHz$ - $10kHz$ - $1.8 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $8.5\mu\text{A}$ Current - Cathode - $40^{\circ}C \sim 125^{\circ}C$ (TA) Mounting Type Surface Mount Package / Case SC-70, SOT-323 Supplier Device Package	Voltage - Output (Max)	-
Temperature Coefficient $30ppm/^{\circ}C$ Noise - 0.1Hz to 10Hz $35μVp-p$ Noise - 10Hz to 10kHz-Voltage - Input $1.8 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $8.5μA$ Current - Cathode-Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseSC-70, SOT-323Supplier Device PackageSC-70-3	Current - Output	30mA
Noise - 0.1Hz to 10Hz $35\mu V p-p$ Noise - 10Hz to 10kHz $-$ Voltage - Input $1.8 \ V \sim 5.5 \ V$ Current - Supply $8.5\mu A$ Current - Cathode $-$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C \ (TA)$ Mounting Type $Surface \ Mount$ Package / Case $SC-70, \ SOT-323$ Supplier Device Package	Tolerance	±0.15%
Noise - 10Hz to 10kHz  Voltage - Input  1.8 V ~ 5.5 V  Current - Supply  8.5μA  Current - Cathode  - Operating Temperature  40°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  SC-70, SOT-323  Supplier Device Package	Temperature Coefficient	30ppm/°C
Voltage - Input $1.8 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $8.5 \mu A$ Current - Cathode-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / CaseSC-70, SOT-323Supplier Device PackageSC-70-3	Noise - 0.1Hz to 10Hz	35μVp-p
Current - Supply8.5μACurrent - Cathode-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSC-70, SOT-323Supplier Device PackageSC-70-3	Noise - 10Hz to 10kHz	-
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Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSC-70, SOT-323Supplier Device PackageSC-70-3	Current - Supply	8.5μΑ
Mounting TypeSurface MountPackage / CaseSC-70, SOT-323Supplier Device PackageSC-70-3	Current - Cathode	-
Package / Case SC-70, SOT-323 Supplier Device Package SC-70-3	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package SC-70-3	Mounting Type	Surface Mount
	Package / Case	SC-70, SOT-323
Report errors?	Supplier Device Package	SC-70-3
		Report errors?

#### **REF3312AIDCKTG4 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.

### **REF3312AIDCKTG4 Payment Methods**



















### **REF3312AIDCKTG4 Shipping Methods**













If you have any question about REF3312AIDCKTG4, please do not hesitate to contact us!

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