

# **REF3240AIDBVTG4**

### **REF3240AIDBVTG4 Information**



For Reference Only

Part Number REF3240AIDBVTG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

**Description** IC VREF SERIES 4.096V SOT23-6

Package SOT-23-6

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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# **REF3240AIDBVTG4 Specifications**

Manufacturer Part Number         REF3240AIDBVTG4           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Package         SOT-23-6           Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         4.096V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.2%           Temperature Coefficient         20ppm/°C           Noise - 0.1Hz to 10Hz         53μVp-p           Noise - 10Hz to 10kHz         78μVrms           Voltage - Input         4.146 V ~ 5.5 V           Current - Supply         135μA           Current - Cathode         -           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         SOT-23-6           Supplier Device Package         SOT-23-6		
Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         SOT-23-6           Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         4.096V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.2%           Temperature Coefficient         20ppm/°C           Noise - 0.1Hz to 10Hz         53µVp-p           Noise - 10Hz to 10kHz         78µVrms           Voltage - Input         4.146 V ~ 5.5 V           Current - Supply         135µA           Current - Cathode         -           Operating Temperature         40°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         SOT-23-6           Supplier Device Package         SOT-23-6	Manufacturer Part Number	REF3240AIDBVTG4
Package         SOT-23-6           Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         4.096V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.2%           Temperature Coefficient         20ppm/°C           Noise - 0.1Hz to 10Hz         53µVp-p           Noise - 10Hz to 10kHz         78µVrms           Voltage - Input         4.146 V ~ 5.5 V           Current - Supply         135µA           Current - Cathode         -           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         SOT-23-6           Supplier Device Package         SOT-23-6	Manufacturer	Texas Instruments
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Reference TypeSeriesOutput TypeFixedVoltage - Output (Min/Fixed)4.096 VVoltage - Output (Max)-Current - Output10mATolerance±0.2%Temperature Coefficient20ppm/°CNoise - 0.1Hz to 10Hz53μVp-pNoise - 10Hz to 10kHz78μVrmsVoltage - Input4.146 V ~ 5.5 VCurrent - Supply135μACurrent - Cathode-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Package	SOT-23-6
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Voltage - Output (Max)  Current - Output $10mA$ Tolerance $\pm 0.2\%$ Temperature Coefficient $20ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $53\mu Vp-p$ Noise - $10Hz$ to $10kHz$ $78\mu Vrms$ Voltage - Input $4.146 \ V \sim 5.5 \ V$ Current - Supply $135\mu A$ Current - Cathode  Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)  Mounting Type  Surface Mount  Package / Case  Supplier Device Package $50T-23-6$	Output Type	Fixed
Current - Output $10mA$ $\pm 0.2\%$ Temperature Coefficient $20ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $53\mu Vp-p$ Noise - $10Hz$ to $10Hz$ $78\mu Vrms$ Voltage - Input $4.146 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $135\mu A$ Current - Cathode - Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA) Mounting Type Surface Mount Package / Case Supplier Device Package $-40^{\circ}C \sim 125^{\circ}C$ Surface Mount SOT-23-6	Voltage - Output (Min/Fixed)	4.096V
Tolerance $\pm 0.2\%$ Temperature Coefficient $20pm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $53\mu Vp-p$ Noise - $10Hz$ to $10kHz$ $78\mu Vrms$ Voltage - Input $4.146 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $135\mu A$ Current - Cathode - $40^{\circ}C \sim 125^{\circ}C$ (TA) Mounting Type Surface Mount Package / Case SOT-23-6 Supplier Device Package	Voltage - Output (Max)	-
Temperature Coefficient $20ppm/^{\circ}C$ Noise - 0.1Hz to 10Hz $53\mu Vp-p$ Noise - 10Hz to 10kHz $78\mu Vrms$ Voltage - Input $4.146 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $135\mu A$ Current - Cathode-Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Current - Output	10mA
Noise - 0.1Hz to 10Hz 53 $\mu$ Vp-p Noise - 10Hz to 10kHz 78 $\mu$ Vrms  Voltage - Input 4.146 V ~ 5.5 V  Current - Supply 135 $\mu$ A  Current - Cathode - Operating Temperature -40°C ~ 125°C (TA)  Mounting Type Surface Mount  Package / Case SOT-23-6  Supplier Device Package SOT-23-6	Tolerance	±0.2%
Noise - 10Hz to 10kHz  78μVrms  Voltage - Input  4.146 V ~ 5.5 V  Current - Supply  135μA  Current - Cathode  - Operating Temperature  -40°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  SOT-23-6  Supplier Device Package	Temperature Coefficient	20ppm/°C
Voltage - Input $4.146 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $135 \mu \text{A}$ Current - Cathode $-$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$ Mounting Type $\text{Surface Mount}$ Package / Case $\text{SOT-23-6}$ Supplier Device Package	Noise - 0.1Hz to 10Hz	53μVp-p
Current - Supply135μACurrent - Cathode-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Noise - 10Hz to 10kHz	$78\mu Vrms$
Current - Cathode - Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Voltage - Input	4.146 V ~ 5.5 V
Operating Temperature -40°C ~ 125°C (TA)  Mounting Type Surface Mount  Package / Case SOT-23-6  Supplier Device Package SOT-23-6	Current - Supply	135μΑ
Mounting Type Surface Mount Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Current - Cathode	-
Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package SOT-23-6	Mounting Type	Surface Mount
	Package / Case	SOT-23-6
Report errors?	Supplier Device Package	SOT-23-6
		Report errors?

#### **REF3240AIDBVTG4 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.

### **REF3240AIDBVTG4 Payment Methods**



















## **REF3240AIDBVTG4 Shipping Methods**













If you have any question about REF3240AIDBVTG4, please do not hesitate to contact us!

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