

# **REF3220AMDBVREP**

### **REF3220AMDBVREP Information**



For Reference Only

Part Number REF3220AMDBVREP

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

**Description** IC VREF SERIES 2.048V 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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# **REF3220AMDBVREP Specifications**

Manufacturer Part Number         REF3220AMDBVREP           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Package         SOT-23-6           Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         2.048V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.2%           Temperature Coefficient         40ppm/°C           Noise - 0.1Hz to 10Hz         39µVrms           Voltage - Input         2.098 V ~ 5.5 V           Current - Supply         120µA           Current - Cathode         -           Operating Temperature         -55°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)         2.048V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.2%           Temperature Coefficient         40ppm/°C           Noise - 0.1Hz to 10Hz         27µVp-p           Noise - 10Hz to 10kHz         39µVrms           Voltage - Input         2.098 V ~ 5.5 V           Current - Supply         120µA           Current - Cathode         -           Operating Temperature         -55°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         SOT-23-6           Supplier Device Package         SOT-23-6	Manufacturer Part Number	REF3220AMDBVREP
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Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         2.048V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.2%           Temperature Coefficient         40ppm/°C           Noise - 0.1Hz to 10Hz         27μVp-p           Noise - 10Hz to 10kHz         39μVrms           Voltage - Input         2.098 V ~ 5.5 V           Current - Supply         120μA           Current - Cathode         -           Operating Temperature         -55°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         SOT-23-6           Supplier Device Package         SOT-23-6		PMIC - Voltage Reference
Reference TypeSeriesOutput TypeFixedVoltage - Output (Min/Fixed)2.048 VVoltage - Output (Max)-Current - Output10mATolerance±0.2%Temperature Coefficient40ppm/°CNoise - 0.1Hz to 10Hz27μVp-pNoise - 10Hz to 10kHz39μVrmsVoltage - Input2.098 V ~ 5.5 VCurrent - Supply120μACurrent - Cathode-Operating Temperature-55°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       ±0.2%         Temperature Coefficient       40ppm/°C         Noise - 0.1Hz to 10Hz       27μVp-p         Noise - 10Hz to 10kHz       39μVrms         Voltage - Input       2.098 V ~ 5.5 V         Current - Supply       120μA         Current - Cathode       -         Operating Temperature       -55°C ~ 125°C (TA)         Mounting Type       Surface Mount         Package / Case       SOT-23-6         Supplier Device Package       SOT-23-6	Output Type	Fixed
Current - Output $10 \text{mA}$ Tolerance $\pm 0.2\%$ Temperature Coefficient $40 \text{ppm/}^{\circ}\text{C}$ Noise - $0.1 \text{Hz}$ to $10 \text{Hz}$ $27 \mu \text{Vp-p}$ Noise - $10 \text{Hz}$ to $10 \text{kHz}$ $39 \mu \text{Vrms}$ Voltage - Input $2.098 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $120 \mu \text{A}$ Current - Cathode $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)  Mounting Type Surface Mount  Package / Case SOT-23-6  Supplier Device Package $-50.20 \text{ Common}$	Voltage - Output (Min/Fixed)	2.048V
Tolerance $\pm 0.2\%$ Temperature Coefficient $40pm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $27\mu Vp-p$ Noise - $10Hz$ to $10kHz$ $39\mu Vrms$ Voltage - Input $2.098 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $2.098 \text{ V} \sim 5.5 \text{ V}$ Current - Cathode $2.098 \text{ V} \sim 5.5 \text{ C} \sim 125 ^{\circ}C \sim 125 ^{\circ}C$	Voltage - Output (Max)	-
Temperature Coefficient 40ppm/°C  Noise - $0.1$ Hz to $10$ Hz  Noise - $0.1$ Hz to $10$ Hz $0.0$ Hz  Noise - $0.0$ Hz to $0.0$ Hz  Noise - $0.0$ Hz  Noise - $0.0$ Hz $0.0$ Hz  Noise - $0.0$ Hz $0.0$ H	Current - Output	10mA
Noise - 0.1Hz to 10Hz $27\mu V p-p$ Noise - 10Hz to 10kHz $39\mu V rms$ Voltage - Input $2.098 \ V \sim 5.5 \ V$ Current - Supply $120\mu A$ Current - Cathode $-$ Operating Temperature $-55^{\circ}C \sim 125^{\circ}C \ (TA)$ Mounting Type $Surface \ Mount$ Package / Case $SOT-23-6$ Supplier Device Package	Tolerance	±0.2%
Noise - 10Hz to 10kHz  39μVrms  Voltage - Input  2.098 V ~ 5.5 V  Current - Supply  120μA  Current - Cathode  - Operating Temperature  -55°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  SOT-23-6  Supplier Device Package	Temperature Coefficient	40ppm/°C
Voltage - Input $2.098 \ V \sim 5.5 \ V$ $Current - Supply 120 \mu A$ $Current - Cathode$ $Operating Temperature -55 ^{\circ}C \sim 125 ^{\circ}C \ (TA)$ $Mounting Type Surface Mount $ $Package / Case SOT-23-6$ $Supplier Device Package$ $SOT-23-6$	Noise - 0.1Hz to 10Hz	$27\mu Vp-p$
Current - Supply120μACurrent - Cathode-Operating Temperature-55°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Noise - 10Hz to 10kHz	$39\mu Vrms$
Current - Cathode - Operating Temperature -55°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Voltage - Input	2.098 V ~ 5.5 V
Operating Temperature  -55°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  SOT-23-6  Supplier Device Package  SOT-23-6	Current - Supply	120μΑ
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	-55°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?

#### **REF3220AMDBVREP 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.

### **REF3220AMDBVREP Payment Methods**



















## **REF3220AMDBVREP Shipping Methods**













If you have any question about REF3220AMDBVREP, please do not hesitate to contact us!

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