



#### ADR3425ARJZ-R7 Information



For Reference Only

Part Number ADR3425ARJZ-R7

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

**Description** IC VREF SERIES 2.5V 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**

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.









# **ADR3425ARJZ-R7 Specifications**

Manufacturer Part Number         ADR3425ARJZ-R7           Manufacturer         Analog Devices Inc.           Category         Integrated Circuits (ICs)           Package         SOT-23-6           Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         2.5 V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.1%           Temperature Coefficient         8ppm°C           Noise - 0.1Hz to 10Hz         18μVp-p           Noise - 10Hz to 10kHz         42μVrms           Voltage - Input         2.7 V ~ 5.5 V           Current - Supply         100μA           Current - Cathode         -           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         SOT-23-6           Supplier Device Package         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)         2.5V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.1%           Temperature Coefficient         8ppm/°C           Noise - 0.1Hz to 10Hz         18µVp-p           Noise - 10Hz to 10kHz         42µVrms           Voltage - Input         2.7 V ~ 5.5 V           Current - Supply         100µA           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	ADR3425ARJZ-R7
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Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Current - Output  10mA  Tolerance ±0.1%  Temperature Coefficient 8ppm/°C  Noise - 0.1Hz to 10Hz  Noise - 10Hz to 10kHz  Voltage - Input 2.7 V ~ 5.5 V  Current - Supply  100μA  Current - Cathode Operating Temperature  -40°C ~ 125°C (TA)  Mounting Type Surface Mount  Package / Case Supplier Device Package  SOT-23-6	Reference Type	Series
Voltage - Output (Max)-Current - Output10mATolerance±0.1%Temperature Coefficient8ppm/°CNoise - 0.1Hz to 10Hz18μVp-pNoise - 10Hz to 10kHz42μVrmsVoltage - Input2.7 V ~ 5.5 VCurrent - Supply100μACurrent - Cathode-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Output Type	Fixed
Current - Output $10 \text{mA}$ Tolerance $\pm 0.1\%$ Temperature Coefficient $8 \text{ppm/°C}$ Noise - $0.1 \text{Hz}$ to $10 \text{Hz}$ $18 \mu \text{Vp-p}$ Noise - $10 \text{Hz}$ to $10 \text{kHz}$ $42 \mu \text{Vrms}$ Voltage - Input $2.7 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $100 \mu \text{A}$ Current - Cathode-Operating Temperature $-40  ^{\circ}\text{C} \sim 125  ^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Voltage - Output (Min/Fixed)	2.5V
Tolerance $\pm 0.1\%$ Temperature Coefficient 8ppm/°C Noise - 0.1Hz to 10Hz 18µVp-p Noise - 10Hz to 10kHz 42µVrms Voltage - Input 2.7 V ~ 5.5 V Current - Supply 100µA Current - Cathode Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SOT-23-6 Supplier Device Package	Voltage - Output (Max)	-
Temperature Coefficient8ppm/°CNoise - 0.1Hz to 10Hz $18\mu Vp-p$ Noise - 10Hz to 10kHz $42\mu Vrms$ Voltage - Input $2.7 V \sim 5.5 V$ Current - Supply $100\mu A$ 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 $18\mu V p-p$ Noise - 10Hz to 10kHz $42\mu V rms$ Voltage - Input $2.7 V \sim 5.5 V$ Current - Supply $100\mu A$ Current - Cathode $-$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C (TA)$ Mounting Type $Surface Mount$ Package / Case $SOT-23-6$ Supplier Device Package	Tolerance	±0.1%
Noise - 10Hz to 10kHz  42μVrms  Voltage - Input  2.7 V ~ 5.5 V  Current - Supply  100μA  Current - Cathode  - Operating Temperature  -40°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  SOT-23-6  Supplier Device Package	Temperature Coefficient	8ppm/°C
Voltage - Input $2.7 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $100\mu\text{A}$ Current - Cathode-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Noise - 0.1Hz to 10Hz	18μVp-p
Current - Supply100μACurrent - Cathode-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Noise - 10Hz to 10kHz	42μVrms
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	2.7 V ~ 5.5 V
Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Current - Supply	100μΑ
Mounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-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?

#### **ADR3425ARJZ-R7** 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.

### ADR3425ARJZ-R7 Payment Methods



















## **ADR3425ARJZ-R7 Shipping Methods**













If you have any question about ADR3425ARJZ-R7, please do not hesitate to contact us!

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