



### ADR3450ARJZ-R2 Information



For Reference Only

Part Number ADR3450ARJZ-R2

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

**Description** IC VREF SERIES 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.









# **ADR3450ARJZ-R2 Specifications**

Manufacturer Part Number         ADR3450ARJZ-R2           Manufacturer         Analog Devices Inc.           Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         SOT-23-6           Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.1%           Temperature Coefficient         8ppm/°C           Noise - 0.1Hz to 10Hz         35μVp-p           Noise - 10Hz to 10kHz         60μVrms           Voltage - Input         5.2 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		
Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         SOT-23-6           Series         -           Reference Type         Series           Output Type         Fixed           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.1%           Temperature Coefficient         8ppm/°C           Noise - 0.1Hz to 10Hz         35μVp-p           Noise - 10Hz to 10kHz         60μVrms           Voltage - Input         5.2 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	Manufacturer Part Number	ADR3450ARJZ-R2
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Output TypeFixedVoltage - Output (Min/Fixed) $5V$ Voltage - Output (Max)-Current - Output $10mA$ Tolerance $\pm 0.1\%$ Temperature Coefficient $8ppm/^{\circ}C$ Noise - $0.1Hz$ to $10Hz$ $35\mu Vp-p$ Noise - $10Hz$ to $10kHz$ $60\mu Vrms$ Voltage - Input $5.2 V \sim 5.5 V$ Current - Supply $100\mu A$ Current - Cathode-Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)Mounting TypeSurface MountPackage / Case $SOT-23-6$	Series	-
Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Current - Output         10mA           Tolerance         ±0.1%           Temperature Coefficient         8ppm/°C           Noise - 0.1Hz to 10Hz         35μVp-p           Noise - 10Hz to 10kHz         60μVrms           Voltage - Input         5.2 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	Reference Type	Series
Voltage - Output (Max) - Current - Output 10mA   Tolerance $\pm 0.1\%$ Temperature Coefficient 8ppm/°C   Noise - 0.1Hz to 10Hz   Noise - 10Hz to 10kHz   Voltage - Input 5.2 V ~ 5.5 V   Current - Supply   Current - Cathode   Operating Temperature   -40°C ~ 125°C (TA)   Mounting Type   Surface Mount   Package / Case   SOT-23-6	Output Type	Fixed
Current - Output $10mA$ $\pm 0.1\%$ Tolerance $\pm 0.1\%$ Sppm/°C $8ppm/°C$ Noise - $0.1Hz$ to $10Hz$ $35\mu Vp-p$ Noise - $10Hz$ to $10kHz$ $60\mu Vrms$ Voltage - Input $5.2 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $100\mu A$ Current - Cathode $-$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA) Mounting Type Surface Mount Package / Case $-$ SOT-23-6	Voltage - Output (Min/Fixed)	5V
Tolerance $\pm 0.1\%$ Temperature Coefficient 8ppm/°C Noise - 0.1Hz to 10Hz 35 $\mu$ Vp-p Noise - 10Hz to 10kHz 60 $\mu$ Vrms  Voltage - Input 5.2 V ~ 5.5 V Current - Supply 100 $\mu$ A Current - Cathode - Qperating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SOT-23-6	Voltage - Output (Max)	-
Temperature Coefficient8ppm/°CNoise - 0.1Hz to 10Hz $35\mu Vp-p$ Noise - 10Hz to 10kHz $60\mu Vrms$ Voltage - Input $5.2 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $100\mu A$ Current - Cathode-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$ Mounting TypeSurface MountPackage / CaseSOT-23-6	Current - Output	10mA
Noise - 0.1Hz to 10Hz $35\mu Vp-p$ $Noise - 10Hz to 10kHz$ $60\mu Vrms$ $Voltage - Input$ $5.2 \ V \sim 5.5 \ V$ $Current - Supply$ $100\mu A$ $Current - Cathode$ $Operating Temperature$ $-40^{\circ}C \sim 125^{\circ}C \ (TA)$ $Mounting Type$ $Surface Mount$ $Package / Case$ $SOT-23-6$	Tolerance	±0.1%
Noise - 10Hz to 10kHz 60 $\mu$ Vrms 5.2 V ~ 5.5 V Current - Supply 100 $\mu$ A Current - Cathode - Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SOT-23-6	Temperature Coefficient	8ppm/°C
Voltage - Input $5.2 \text{ V} \sim 5.5 \text{ V}$ Current - Supply $100\mu\text{A}$ Current - Cathode-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6	Noise - 0.1Hz to 10Hz	35μVp-p
Current - Supply 100μA  Current - Cathode - Operating Temperature  Operating Type Surface Mount  Package / Case SOT-23-6	Noise - 10Hz to 10kHz	$60\mu Vrms$
Current - Cathode - Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SOT-23-6	Voltage - Input	5.2 V ~ 5.5 V
Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSOT-23-6	Current - Supply	100μΑ
Mounting Type Surface Mount Package / Case SOT-23-6	Current - Cathode	-
Package / Case SOT-23-6	Operating Temperature	-40°C ~ 125°C (TA)
	Mounting Type	Surface Mount
Supplier Device Package SOT-23-6	Package / Case	SOT-23-6
	Supplier Device Package	SOT-23-6
Report errors?		Report errors?

#### **ADR3450ARJZ-R2 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.

## ADR3450ARJZ-R2 Payment Methods



















## **ADR3450ARJZ-R2 Shipping Methods**













If you have any question about ADR3450ARJZ-R2, please do not hesitate to contact us!

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