

### ADR5044WARTZ-R7

#### ADR5044WARTZ-R7 Information



For Reference Only

Part Number ADR5044WARTZ-R7

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)
PMIC - Voltage Reference

**Description**IC VREF SHUNT 4.096V SOT23**Package**TO-236-3, SC-59, SOT-23-3

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.









## **ADR5044WARTZ-R7 Specifications**

Manufacturer Part Number         ADR5044WARTZ-R7           Manufacturer         Analog Devices Inc.           Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         TO-236-3, SC-59, SOT-23-3           Series         ADR504           Reference Type         Shunt           Output Type         Fixed           Voltage - Output (Min/Fixed)         4.096V           Voltage - Output (Max)         -           Current - Output         15mA           Tolerance         ±0.2%           Temperature Coefficient         100ppm/°C           Noise - 0.1Hz to 10Hz         5.4μVrms           Noise - 10Hz to 10kHz         240μVrms           Voltage - Input         -           Current - Supply         -           Current - Cathode         60μA           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         TO-236-3, SC-59, SOT-23-3           Supplier Device Package         SOT-23-3		
Category         Integrated Circuits (ICs)           PMIC - Voltage Reference           Package         TO-236-3, SC-59, SOT-23-3           Series         ADR504           Reference Type         Shunt           Output Type         Fixed           Voltage - Output (Min/Fixed)         4.096V           Voltage - Output (Max)         -           Current - Output         15mA           Tolerance         ±0.2%           Temperature Coefficient         100ppm/°C           Noise - 0.Hz to 10Hz         5.4μVrms           Noise - 10Hz to 10kHz         240μVrms           Voltage - Input         -           Current - Supply         -           Current - Cathode         60μA           Operating Temperature         -40°C ~ 125°C (TA)           Mounting Type         Surface Mount           Package / Case         TO-236-3, SC-59, SOT-23-3           Supplier Device Package         SOT-23-3	Manufacturer Part Number	ADR5044WARTZ-R7
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Output TypeFixedVoltage - Output (Min/Fixed)4.096VVoltage - Output (Max)-Current - Output15mATolerance±0.2%Temperature Coefficient100ppm/°CNoise - 0.1Hz to 10Hz5.4μVrmsNoise - 10Hz to 10kHz240μVrmsVoltage - Input-Current - Supply-Current - Cathode60μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Series	ADR504
Voltage - Output (Min/Fixed)       4.096V         Voltage - Output (Max)       -         Current - Output       15mA         Tolerance       ±0.2%         Temperature Coefficient       100ppm/°C         Noise - 0.1Hz to 10Hz       5.4μVrms         Noise - 10Hz to 10kHz       240μVrms         Voltage - Input       -         Current - Supply       -         Current - Cathode       60μA         Operating Temperature       -40°C ~ 125°C (TA)         Mounting Type       Surface Mount         Package / Case       TO-236-3, SC-59, SOT-23-3         Supplier Device Package       SOT-23-3	Reference Type	Shunt
Voltage - Output (Max)-Current - Output15mATolerance±0.2%Temperature Coefficient100ppm/°CNoise - 0.1Hz to 10Hz5.4μVrmsNoise - 10Hz to 10kHz240μVrmsVoltage - Input-Current - Supply-Current - Cathode60μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Output Type	Fixed
Current - Output       15mA         Tolerance       ±0.2%         Temperature Coefficient       100ppm/°C         Noise - 0.1Hz to 10Hz       5.4μVrms         Noise - 10Hz to 10kHz       240μVrms         Voltage - Input       -         Current - Supply       -         Current - Cathode       60μA         Operating Temperature       -40°C ~ 125°C (TA)         Mounting Type       Surface Mount         Package / Case       TO-236-3, SC-59, SOT-23-3         Supplier Device Package       SOT-23-3	Voltage - Output (Min/Fixed)	4.096V
Tolerance±0.2%Temperature Coefficient100ppm/°CNoise - 0.1Hz to 10Hz5.4μVrmsNoise - 10Hz to 10kHz240μVrmsVoltage - Input-Current - Supply-Current - Cathode60μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Voltage - Output (Max)	-
Temperature Coefficient100ppm/°CNoise - 0.1Hz to 10Hz5.4μVrmsNoise - 10Hz to 10kHz240μVrmsVoltage - Input-Current - Supply-Current - Cathode60μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Current - Output	15mA
Noise - 0.1Hz to 10Hz 5.4 $\mu$ Vrms  Noise - 10Hz to 10kHz 240 $\mu$ Vrms  Voltage - Input - Current - Supply - Current - Cathode 60 $\mu$ A  Operating Temperature -40°C ~ 125°C (TA)  Mounting Type Surface Mount  Package / Case TO-236-3, SC-59, SOT-23-3  Supplier Device Package SOT-23-3	Tolerance	±0.2%
Noise - 10Hz to 10kHz240μVrmsVoltage - Input-Current - Supply-Current - Cathode60μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Temperature Coefficient	100ppm/°C
Voltage - Input-Current - Supply-Current - Cathode60μAOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Noise - 0.1Hz to 10Hz	5.4µVrms
Current - Supply - Current - Cathode $60\mu A$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)  Mounting Type Surface Mount  Package / Case TO-236-3, SC-59, SOT-23-3  Supplier Device Package SOT-23-3	Noise - 10Hz to 10kHz	240μVrms
Current - Cathode $60\mu A$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ (TA)  Mounting Type Surface Mount  Package / Case TO-236-3, SC-59, SOT-23-3  Supplier Device Package SOT-23-3	Voltage - Input	-
Operating Temperature  -40°C ~ 125°C (TA)  Mounting Type  Surface Mount  Package / Case  TO-236-3, SC-59, SOT-23-3  Supplier Device Package  SOT-23-3	Current - Supply	-
Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Current - Cathode	60μΑ
Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package SOT-23-3	Mounting Type	Surface Mount
	Package / Case	TO-236-3, SC-59, SOT-23-3
Report errors?	Supplier Device Package	SOT-23-3
T		Report errors?

#### **ADR5044WARTZ-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.

### **ADR5044WARTZ-R7 Payment Methods**



















### ADR5044WARTZ-R7 Shipping Methods













If you have any question about ADR5044WARTZ-R7, please do not hesitate to contact us!

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