

# INA159AIDGKR

## **INA159AIDGKR Information**

annelsener som	Part Number	INA159AIDGKR
	Manufacturer	Texas Instruments
	Category	Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
	Description	IC OPAMP DIFF 1.5MHZ 8VSSOP
	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Reference Only		For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



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For

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## **INA159AIDGKR Specifications**

ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage&-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Amplifier TypeDifferentialNumber of Circuits1Output Type-Series15 V/µsGain Bandwidth Product3db Bandwidth1.5MHzCurrent - Input Bias-Current - Supply1.00µVCurrent - Output / Channel60mAVoltage - Supply, Single/Dual (±)1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)		
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Series -   Amplifier Type Differential   Number of Circuits 1   Output Type -   Slew Rate 15 V/μs   Gain Bandwidth Product -   -3db Bandwidth Product 1.5 MHz   Current - Input Bias -   Voltage - Input Offset 100μV   Current - Supply 1.1 mA   Current - Output / Channel 60mA   Voltage - Supply, Single/Dual (±) 1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 V   Operating Temperature 40°C ~ 125°C   Mounting Type Surface Mount   Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Differential   Number of Circuits 1   Output Type -   Output Type -   Slew Rate 15 V/μs   Gain Bandwidth Product -   -3db Bandwidth 1.5MHz   Current - Input Bias -   Voltage - Input Offset 100μV   Current - Supply 1.1mA   Current - Output / Channel 60mA   Voltage - Supply, Single/Dual (±) 1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 V   Operating Temperature -40°C ~ 125°C   Mounting Type Surface Mount   Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)   Supplier Device Package 8-VSSOP	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Number of Circuits1Output Type-Slew Rate15 V/μsGain Bandwidth Product3db Bandwidth Product3db Bandwidth1.5MHzCurrent - Input Bias-Voltage - Input Offset100μVCurrent - Supply1.1mACurrent - Output / Channel60mAVoltage - Supply, Single/Dual (±)1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Series	-
Output Type-Slew Rate15 V/µsGain Bandwidth Product3db Bandwidth Product1.5MHzCurrent - Input Bias-Voltage - Input Offset100µVCurrent - Supply1.1mACurrent - Output / Channel60mAVoltage - Supply, Single/Dual (±)1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Amplifier Type	Differential
Slew Rate15 V/μsGain Bandwidth Product3db Bandwidth1.5MHz-3db Bandwidth-Current - Input Bias-Voltage - Input Offset100μVCurrent - Supply1.1mACurrent - Output / Channel60mAVoltage - Supply, Single/Dual (±)1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Number of Circuits	1
Gain Bandwidth Product3db Bandwidth1.5MHz-3db Bandwidth-Current - Input Bias-Voltage - Input Offset100μVCurrent - Supply1.1mACurrent - Output / Channel60mAVoltage - Supply, Single/Dual (±)1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Output Type	-
-3db Bandwidth1.5MHzCurrent - Input Bias-Voltage - Input Offset100μVCurrent - Supply1.1mACurrent - Output / Channel60mAVoltage - Supply, Single/Dual (±)1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Slew Rate	15 V/µs
Current - Input Bias-Voltage - Input Offset100μVCurrent - Supply1.1mACurrent - Output / Channel60mAVoltage - Supply, Single/Dual (±)1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Gain Bandwidth Product	-
Voltage - Input Offset100µVCurrent - Supply1.1mACurrent - Output / Channel60mAVoltage - Supply, Single/Dual (±)1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	-3db Bandwidth	1.5MHz
Current - Supply1.1mACurrent - Output / Channel60mAVoltage - Supply, Single/Dual (±)1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Current - Input Bias	-
Current - Output / Channel60mAVoltage - Supply, Single/Dual (±)1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Voltage - Input Offset	100µV
Voltage - Supply, Single/Dual (±)1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Current - Supply	1.1mA
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Current - Output / Channel	60mA
Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Voltage - Supply, Single/Dual (±)	1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 V
Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 8-VSSOP	Mounting Type	Surface Mount
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Report errors?	Supplier Device Package	8-VSSOP
		Report errors?

### **INA159AIDGKR 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.

## **INA159AIDGKR Payment Methods**



## **INA159AIDGKR Shipping Methods**



If you have any question about INA159AIDGKR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com