



### **OPA727AIDGKR Information**



For Reference Only

Part Number OPA727AIDGKR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 20MHZ RRO 8VSSOP **Package** 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)

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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# **OPA727AIDGKR Specifications**

Manufacturer Part Number         OPA727AIDGKR           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)           Series         e-trim?           Amplifier Type         General Purpose           Number of Circuits         1           Output Type         Rail-to-Rail           Slew Rate         30 V/μs           Gain Bandwidth Product         20MHz           -3db Bandwidth         -           Current - Input Bias         85pA           Voltage - Input Offset         15μV           Current - Supply         4.3mA           Current - Output / Channel         40mA           Voltage - Supply, Single/Dual (±)         4 V ~ 12 V, ±2 V ~ 6 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	•	
Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)           Series         e-trim?           Amplifier Type         General Purpose           Number of Circuits         1           Output Type         Rail-to-Rail           Slew Rate         30 V/μs           Gain Bandwidth Product         20MHz           -3db Bandwidth         -           Current - Input Bias         85pA           Voltage - Input Offset         15μV           Current - Supply         4.3mA           Current - Output / Channel         40mA           Voltage - Supply, Single/Dual (±)         4 V ~ 12 V, ±2 V ~ 6 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Manufacturer Part Number	OPA727AIDGKR
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)           Series         e-trim?           Amplifier Type         General Purpose           Number of Circuits         1           Output Type         Rail-to-Rail           Slew Rate         30 V/μs           Gain Bandwidth Product         20MHz           -3db Bandwidth         -           Current - Input Bias         85pA           Voltage - Input Offset         15μV           Current - Supply         4.3mA           Current - Output / Channel         40mA           Voltage - Supply, Single/Dual (±)         4 V ~ 12 V, ±2 V ~ 6 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Manufacturer	Texas Instruments
Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Seriese-trim?Amplifier TypeGeneral PurposeNumber of Circuits1Output TypeRail-to-RailSlew Rate $30 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $20\text{MHz}$ -3db Bandwidth-Current - Input Bias $85\text{pA}$ Voltage - Input Offset $15\mu\text{V}$ Current - Supply $4.3\text{mA}$ Current - Output / Channel $40\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $4 \text{ V} \sim 12 \text{ V}, \pm 2 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8-\text{TSSOP}, 8-\text{MSOP} (0.118", 3.00mm Width)$	Category	Integrated Circuits (ICs)
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Amplifier Type General Purpose Number of Circuits 1   Output Type Rail-to-Rail   Slew Rate 30 V/ $\mu$ s   Gain Bandwidth Product 20MHz   -3db Bandwidth   -Current - Input Bias 85pA   Voltage - Input Offset 15 $\mu$ V   Current - Supply 4.3mA   Current - Output / Channel 40mA   Voltage - Supply, Single/Dual ( $\pm$ ) 4 V ~ 12 V, $\pm$ 2 V ~ 6 V   Operating Temperature -40°C ~ 125°C   Mounting Type Surface Mount   Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Series	e-trim?
Output Type Rail-to-Rail  Slew Rate 30 V/µs  Gain Bandwidth Product 20MHz  -3db Bandwidth - Current - Input Bias 85pA  Voltage - Input Offset 15µV  Current - Supply 4.3mA  Current - Output / Channel 40mA  Voltage - Supply, Single/Dual (±) 4 V ~ 12 V, ±2 V ~ 6 V  Operating Temperature 4-0°C ~ 125°C  Mounting Type Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Amplifier Type	General Purpose
Slew Rate 30 V/ $\mu$ s  Gain Bandwidth Product 20MHz  -3db Bandwidth -  Current - Input Bias 85pA  Voltage - Input Offset 15 $\mu$ V  Current - Supply 4.3mA  Current - Output / Channel 40mA  Voltage - Supply, Single/Dual (±) 4 V ~ 12 V, $\pm$ 2 V ~ 6 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Number of Circuits	1
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	Rail-to-Rail
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	30 V/μs
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	20MHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply $4.3\text{mA}$ Current - Output / Channel $40\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $4\text{ V} \sim 12\text{ V}, \pm 2\text{ V} \sim 6\text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-TSSOP}$ , $8\text{-MSOP}$ ( $0.118\text{"}$ , $3.00\text{mm}$ Width)	Current - Input Bias	85pA
$\begin{tabular}{lll} Current - Output / Channel & 40mA & \\ Voltage - Supply, Single/Dual (\pm) & 4 V ~ 12 V, \pm2 V ~ 6 V & \\ Operating Temperature & -40°C ~ 125°C & \\ Mounting Type & Surface Mount & \\ Package / Case & 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) & \\ \end{tabular}$	Voltage - Input Offset	15μV
Voltage - Supply, Single/Dual ( $\pm$ ) 4 V ~ 12 V, $\pm$ 2 V ~ 6 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Current - Supply	4.3mA
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Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Voltage - Supply, Single/Dual (±)	4 V ~ 12 V, ±2 V ~ 6 V
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
Supplier Device Package 8-VSSOP	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
TI	Supplier Device Package	8-VSSOP
Report errors		Report errors?

### **OPA727AIDGKR 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.

# **OPA727AIDGKR Payment Methods**



















### **OPA727AIDGKR Shipping Methods**













If you have any question about OPA727AIDGKR, please do not hesitate to contact us!

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