



#### **TLV2772IDGKR Information**



For Reference Only

Part Number TLV2772IDGKR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 5.1MHZ 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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## **TLV2772IDGKR Specifications**

Manufacturer Part Number  Manufacturer  Category  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Package  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Series  - Amplifier Type  General Purpose  Number of Circuits  2 Output Type  Rail-to-Rail  Slew Rate  10.5 V/µs  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  Voltage - Input Offset  Current - Supply  Lima  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Package / Case  S-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Package / Case  S-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Package / Case  S-VSSOP		
Category   Integrated Circuits (ICs)   Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps	Manufacturer Part Number	TLV2772IDGKR
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Series  - Amplifier Type General Purpose  Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 10.5 V/µs  Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 2pA  Voltage - Input Offset 500µV  Current - Supply 1mA  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual (±) 0perating 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	Manufacturer	Texas Instruments
Package         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)           Series         -           Amplifier Type         General Purpose           Number of Circuits         2           Output Type         Rail-to-Rail           Slew Rate         10.5 V/μs           Gain Bandwidth Product         5.1MHz           -3db Bandwidth         -           Current - Input Bias         2pA           Voltage - Input Offset         500μV           Current - Supply         1mA           Current - Output / Channel         50mA           Voltage - Supply, Single/Dual (±)         2.5 V ~ 5.5 V, ±1.25 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	Category	Integrated Circuits (ICs)
Series - Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 10.5 V/μs Gain Bandwidth Product 5.1MHz -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset 500μV Current - Supply 1mA Current - Output / Channel 50mA Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V, ±1.25 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		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate10.5 V/μsGain Bandwidth Product5.1MHz-3db Bandwidth-Current - Input Bias2pAVoltage - Input Offset500μVCurrent - Supply1mACurrent - Output / Channel50mAVoltage - Supply, Single/Dual (±)2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 10.5 V/ $\mu$ s Gain Bandwidth Product 5.1MHz -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset 500 $\mu$ V Current - Supply 1mA Current - Output / Channel 50mA Voltage - Supply, Single/Dual ( $\pm$ ) 2.5 V ~ 5.5 V, $\pm$ 1.25 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	Series	-
Output Type Rail-to-Rail  Slew Rate 10.5 V/ $\mu$ s  Gain Bandwidth Product 5.1MHz  -3db Bandwidth  - Current - Input Bias 2pA  Voltage - Input Offset 500 $\mu$ V  Current - Supply 1mA  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual ( $\pm$ ) 2.5 V ~ 5.5 V, $\pm$ 1.25 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	Amplifier Type	General Purpose
Slew Rate $ 10.5 \text{ V/}\mu\text{s} $ Gain Bandwidth Product $ 5.1 \text{MHz} $ $-3 \text{db Bandwidth} $ $- \text{Current - Input Bias} $ $2 pA $ $Voltage - Input Offset $ $500 \mu V $ $Current - Supply $ $1 mA $ $Current - Output / Channel $ $Voltage - Supply, Single/Dual (\pm) $ $2.5 V \sim 5.5 V, \pm 1.25 V \sim 2.75 V  Operating Temperature  -40^{\circ}\text{C} \sim 125^{\circ}\text{C}  Mounting Type  Surface Mount  Package / Case  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Supplier Device Package  8-VSSOP$	Number of Circuits	2
Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  Voltage - Input Offset  500μV  Current - Supply  1mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  2.5 V ~ 5.5 V, ±1.25 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	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ 2pA \\ Voltage - Input \ Offset \\ 500 \mu V \\ Current - Supply \\ 1mA \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 2.5 \ V \sim 5.5 \ V, \pm 1.25 \ V \sim 2.75 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 8-TSSOP, 8-MSOP (0.118'', 3.00mm \ Width) \\ Supplier \ Device \ Package \\ 8-VSSOP \\$	Slew Rate	10.5 V/μs
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	5.1MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply 1mA  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V, ±1.25 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	Current - Input Bias	2pA
Current - Output / Channel $50mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $2.5 \text{ V} \sim 5.5 \text{ V}, \pm 1.25 \text{ V} \sim 2.75 \text{ V}$ 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)Supplier Device Package $8\text{-VSSOP}$	Voltage - Input Offset	500μV
Voltage - Supply, Single/Dual ( $\pm$ ) 2.5 V ~ 5.5 V, $\pm$ 1.25 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	Current - Supply	1mA
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	Current - Output / Channel	50mA
Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-VSSOP	Voltage - Supply, Single/Dual (±)	2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-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 Crisis		Report errors?

#### **TLV2772IDGKR 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.

# **TLV2772IDGKR Payment Methods**



















## **TLV2772IDGKR Shipping Methods**













If you have any question about TLV2772IDGKR, please do not hesitate to contact us!

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