



### **TLV2773IDGSG4 Information**



For Reference Only

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Linear - Amplifiers - Ins

Part Number TLV2773IDGSG4

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description**IC OPAMP GP 5.1MHZ RRO 10VSSOP**Package**10-TFSOP, 10-MSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

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# **TLV2773IDGSG4 Specifications**

| Manufacturer Part Number         TLV2773IDGSG4           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         10-TFSOP, 10-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         700μV           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         10-TFSOP, 10-MSOP (0.118", 3.00mm Width)           Supplier Device Package         10-VSSOP |                                   |   |
|--|-----------------------------------|---|
| Integrated Circuits (ICs)   Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  | Manufacturer Part Number          | TLV2773IDGSG4   |
| Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage10-TFSOP, 10-MSOP (0.118", 3.00mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate10.5 V/μsGain Bandwidth Product5.1MHz-3db Bandwidth-Current - Input Bias2pAVoltage - Input Offset700μVCurrent - SupplyImACurrent - Output / Channel50mAVoltage - Supply, Single/Dual (±)2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width)Supplier Device Package10-VSSOP  | Manufacturer                      | Texas Instruments   |
| Package         10-TFSOP, 10-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         700μV           Current - Supply         ImA           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         10-TFSOP, 10-MSOP (0.118", 3.00mm Width)           Supplier Device Package         10-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 700μV  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 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)  Supplier Device Package 10-VSSOP   |                                   | 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 Offset700μVCurrent - 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 / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width)Supplier Device Package10-VSSOP   | Package                           | 10-TFSOP, 10-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 700 $\mu$ 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 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-VSSOP  | Series                            | -   |
| Output Type Rail-to-Rail  Slew Rate $10.5 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $5.1\text{MHz}$ -3db Bandwidth  - Current - Input Bias $2pA$ Voltage - Input Offset $700\mu\text{V}$ Current - Supply $1mA$ 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 Type Surface Mount  Package / Case $10\text{-TFSOP}, 10\text{-MSOP} (0.118", 3.00mm \text{ Width})$ Supplier Device Package $10\text{-VSSOP}$   | Amplifier Type                    | General Purpose   |
| Slew Rate $10.5 \text{ V/}\mu\text{S}$ Gain Bandwidth Product $5.1 \text{MHz}$ $-3 \text{db Bandwidth}$ $-$ Current - Input Bias $2pA$ Voltage - Input Offset $700\mu\text{V}$ Current - Supply $1mA$ 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 Type $Surface \text{ Mount}$ Package / Case $10\text{-TFSOP}, 10\text{-MSOP} (0.118", 3.00 \text{mm Width})$ Supplier Device Package $10\text{-VSSOP}$  | Number of Circuits                | 2   |
| Gain Bandwidth Product  -3db Bandwidth  -  Current - Input Bias  2pA  Voltage - Input Offset  700µV  Current - Supply  ImA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  10-TFSOP, 10-MSOP (0.118", 3.00mm Width)  Supplier Device Package  | Output Type                       | Rail-to-Rail  |
| $-3 db \ Bandwidth \\ -Current - Input \ Bias \\ 2pA \\ Voltage - Input \ Offset \\ 700 \mu V \\ Current - Supply \\ 1mA \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 2.5 \ V \sim 5.5 \ V, \pm 1.25 \ V \sim 2.75 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 10-TFSOP, 10-MSOP (0.118'', 3.00mm \ Width) \\ Supplier \ Device \ Package \\ 10-VSSOP \\$  | Slew Rate                         | 10.5 V/μs   |
| $ \begin{array}{llllllllllllllllllllllllllllllllllll$  | Gain Bandwidth Product            | 5.1MHz  |
| Voltage - Input Offset   | -3db Bandwidth                    | -   |
| Current - Supply $1mA$ 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 $10\text{-TFSOP}, 10\text{-MSOP}$ ( $0.118\text{"}, 3.00\text{mm}$ Width)Supplier Device Package $10\text{-VSSOP}$   | Current - Input Bias              | 2pA   |
| Current - Output / Channel $50 mA$ 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 $10\text{-TFSOP}, 10\text{-MSOP}$ ( $0.118\text{"}, 3.00 mm$ Width)Supplier Device Package $10\text{-VSSOP}$   | Voltage - Input Offset            | $700\mu V$  |
| Voltage - Supply, Single/Dual ( $\pm$ ) 2.5 V ~ 5.5 V, $\pm$ 1.25 V ~ 2.75 V<br>Operating Temperature -40°C ~ 125°C<br>Mounting Type Surface Mount<br>Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)<br>Supplier Device Package 10-VSSOP  | Current - Supply                  | 1mA   |
| Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)  Supplier Device Package 10-VSSOP  | Current - Output / Channel        | 50mA  |
| Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-VSSOP   | Voltage - Supply, Single/Dual (±) | 2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V                             |
| Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-VSSOP   | Operating Temperature             | -40°C ~ 125°C   |
| Supplier Device Package 10-VSSOP   | Mounting Type                     | Surface Mount   |
|  | Package / Case                    | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)                    |
| Danout aways   | Supplier Device Package           | 10-VSSOP  |
| Report errors  |                                   | Report errors?  |

### **TLV2773IDGSG4 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.

# **TLV2773IDGSG4 Payment Methods**





















# **TLV2773IDGSG4 Shipping Methods**













If you have any question about TLV2773IDGSG4, please do not hesitate to contact us!

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