



## **TLV2775IPW Information**

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For Reference Only

Part Number TLV2775IPW

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 5.1MHZ RRO 16TSSOP **Package** 16-TSSOP (0.173", 4.40mm 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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## **TLV2775IPW Specifications**

Manufacturer Part Number         TLV2775IPW           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         16-TSSOP (0.173", 4.40mm Width)           Series         -           Amplifier Type         General Purpose           Number of Circuits         4           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           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         16-TSSOP (0.173", 4.40mm Width)           Supplier Device Package         16-TSSOP		
Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         16-TSSOP (0.173", 4.40mm Width)           Series         -           Amplifier Type         General Purpose           Number of Circuits         4           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         16-TSSOP (0.173", 4.40mm Width)           Supplier Device Package         16-TSSOP	Manufacturer Part Number	TLV2775IPW
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Amplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate $10.5 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $5.1\text{MHz}$ -3db Bandwidth-Current - Input Bias $2\text{pA}$ Voltage - Input Offset $700\mu\text{V}$ Current - Supply $1\text{mA}$ Current - Output / Channel $50\text{mA}$ 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 $16\text{-TSSOP}$ ( $0.173^{\circ}$ , $4.40\text{mm}$ Width)Supplier Device Package $16\text{-TSSOP}$	Package	16-TSSOP (0.173", 4.40mm Width)
Number of Circuits         4           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         16-TSSOP (0.173", 4.40mm Width)           Supplier Device Package         16-TSSOP	Series	-
Output TypeRail-to-RailSlew 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 TypeSurface MountPackage / Case $16\text{-TSSOP}$ ( $0.173^{\circ}$ , $4.40\text{mm}$ Width)Supplier Device Package $16\text{-TSSOP}$	Amplifier Type	General Purpose
Slew Rate $10.5 \text{ V/}\mu\text{s}$ $6ain  Bandwidth  Product$ $5.1  MHz$ $-3db  Bandwidth$ $-$ Current - Input Bias $2pA$	Number of Circuits	4
Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  2pA  Voltage - Input Offset  700μV  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  16-TSSOP  16-TSSOP	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ 2pA \\ Voltage - Input \ Offset \\ 700 \mu V \\ Current - Supply \\ 1mA \\ Current - Output / Channel \\ 50mA \\ Voltage - Supply, Single/Dual (\pm) 2.5 \ V \sim 5.5 \ V, \pm 1.25 \ V \sim 2.75 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 16-TSSOP (0.173'', 4.40mm \ Width) \\ Supplier \ Device \ Package \\ 16-TSSOP$	Slew Rate	10.5 V/μs
Current - Input Bias $2pA$ Voltage - Input Offset $700\mu V$ 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 $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Surface Mount $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Supplier Device Package $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Gain Bandwidth Product	5.1MHz
Voltage - Input Offset $700\mu V$ Current - Supply $1mA$ Current - Output / Channel $50mA$ Voltage - Supply, Single/Dual (±) $2.5 \text{ V} \sim 5.5 \text{ V}, \pm 1.25 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $16\text{-TSSOP}$ (0.173", 4.40mm Width)Supplier Device Package $16\text{-TSSOP}$	-3db Bandwidth	-
Current - Supply 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 16-TSSOP (0.173", 4.40mm Width)  Supplier Device Package 16-TSSOP	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 $16\text{-TSSOP}$ ( $0.173^{\circ}$ , $4.40\text{mm}$ Width)Supplier Device Package $16\text{-TSSOP}$	Voltage - Input Offset	$700\mu V$
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 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package 16-TSSOP	Current - Supply	1mA
Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 16-TSSOP (0.173", 4.40mm Width)  Supplier Device Package 16-TSSOP	Current - Output / Channel	50mA
Mounting Type Surface Mount Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package 16-TSSOP	Voltage - Supply, Single/Dual (±)	2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V
Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package 16-TSSOP	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 16-TSSOP	Mounting Type	Surface Mount
	Package / Case	16-TSSOP (0.173", 4.40mm Width)
Report errors?	Supplier Device Package	16-TSSOP
		Report errors?

### **TLV2775IPW 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.

# **TLV2775IPW Payment Methods**









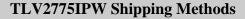
























If you have any question about TLV2775IPW, please do not hesitate to contact us!

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