



### **TLV2465IPWR Information**

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For Reference Only

Part Number TLV2465IPWR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 6.4MHZ 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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# **TLV2465IPWR Specifications**

Manufacturer Part Number         TLV2465IPWR           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         1.6 V/µs           Gain Bandwidth Product         6.4MHz           -3db Bandwidth         -           Current - Input Bias         1.3nA           Voltage - Input Offset         500µV           Current - Output / Channel         80mA           Voltage - Supply, Single/Dual (±)         2.7 V ~ 6 V, ±1.35 V ~ 3 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         1.6 V/μs           Gain Bandwidth Product         6.4MHz           -3db Bandwidth         -           Current - Input Bias         1.3nA           Voltage - Input Offset         500μV           Current - Supply         550μA           Current - Output / Channel         80mA           Voltage - Supply, Single/Dual (±)         2.7 V ~ 6 V, ±1.35 V ~ 3 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	TLV2465IPWR
Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage $16\text{-TSSOP} (0.173", 4.40\text{mm Width})$ Series-Amplifier TypeGeneral PurposeNumber of Circuits $4$ Output TypeRail-to-RailSlew Rate $1.6 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $6.4\text{MHz}$ -3db Bandwidth-Current - Input Bias $1.3\text{nA}$ Voltage - Input Offset $500\mu\text{V}$ Current - Supply $550\mu\text{A}$ Current - Output / Channel $80\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$ Operating Temperature $40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $16\text{-TSSOP} (0.173", 4.40\text{mm Width})$ Supplier Device Package $16\text{-TSSOP}$	Manufacturer	Texas Instruments
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Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         1.6 V/μs           Gain Bandwidth Product         6.4MHz           -3db Bandwidth         -           Current - Input Bias         1.3nA           Voltage - Input Offset         500μV           Current - Supply         550μA           Current - Output / Channel         80mA           Voltage - Supply, Single/Dual (±)         2.7 V ~ 6 V, ±1.35 V ~ 3 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		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate $1.6 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $6.4\text{MHz}$ -3db Bandwidth-Current - Input Bias $1.3\text{nA}$ Voltage - Input Offset $500\mu\text{V}$ Current - Supply $550\mu\text{A}$ Current - Output / Channel $80\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$ 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 Circuits4Output TypeRail-to-RailSlew Rate $1.6 \text{ V/µs}$ Gain Bandwidth Product $6.4\text{MHz}$ -3db Bandwidth-Current - Input Bias $1.3\text{nA}$ Voltage - Input Offset $500\mu\text{V}$ Current - Supply $550\mu\text{A}$ Current - Output / Channel $80\text{mA}$ Voltage - Supply, Single/Dual (±) $2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$ 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 $16\text{-TSSOP}$	Series	-
Output Type Rail-to-Rail  Slew Rate 1.6 V/ $\mu$ s  Gain Bandwidth Product 6.4MHz  -3db Bandwidth  - Current - Input Bias 1.3nA  Voltage - Input Offset 500 $\mu$ V  Current - Supply 550 $\mu$ A  Current - Output / Channel 80mA  Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 6 V, $\pm$ 1.35 V ~ 3 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	Amplifier Type	General Purpose
Slew Rate 1.6 V/ $\mu$ s 6.4MHz 6.4MHz 7.3db Bandwidth Product 6.4MHz 7.5db Bandwidth 8.5db Bandw	Number of Circuits	4
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 1.3nA Voltage - Input Offset 500μV Current - Supply 550μA Current - Output / Channel 80mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 6 V, ±1.35 V ~ 3 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ Current - Input \ Bias \\ 1.3nA \\ Voltage - Input \ Offset \\ 500 \mu V \\ Current - Supply \\ 550 \mu A \\ Current - Output / Channel \\ 80mA \\ Voltage - Supply, Single/Dual (\pm) 2.7 \ V \sim 6 \ V, \pm 1.35 \ V \sim 3 \ V \\ Operating \ Temperature \\ 40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 16-TSSOP (0.173'', 4.40mm \ Width) \\ Supplier \ Device \ Package \\ 16-TSSOP$	Slew Rate	1.6 V/μs
Current - Input Bias 1.3nA  Voltage - Input Offset 500 $\mu$ V  Current - Supply 550 $\mu$ A  Current - Output / Channel 80mA  Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 6 V, $\pm$ 1.35 V ~ 3 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	Gain Bandwidth Product	6.4MHz
Voltage - Input Offset $500\mu V$ Current - Supply $550\mu A$ Current - Output / Channel $80mA$ Voltage - Supply, Single/Dual (±) $2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$ 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 $550\mu A$ Current - Output / Channel $80mA$ Voltage - Supply, Single/Dual (±) $2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case $16\text{-TSSOP}$ $(0.173^{\circ}, 4.40mm \text{ Width})$ Supplier Device Package $16\text{-TSSOP}$	Current - Input Bias	1.3nA
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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	80mA
Mounting Type Surface Mount Package / Case 16-TSSOP (0.173", 4.40mm Width) Supplier Device Package 16-TSSOP	Voltage - Supply, Single/Dual (±)	$2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$
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?

#### **TLV2465IPWR 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.

# **TLV2465IPWR Payment Methods**



















## **TLV2465IPWR Shipping Methods**













If you have any question about TLV2465IPWR, please do not hesitate to contact us!

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