



### **TLV2244IPWR Information**



For Reference Only

Part Number TLV2244IPWR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 5.5KHZ RRO 14TSSOP **Package** 14-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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## **TLV2244IPWR Specifications**

Manufacturer Part Number         TLV2244IPWR           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-TSSOP (0.173", 4.40mm Width)           Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         0.002 V/µs           Gain Bandwidth Product         5.5kHz           -3db Bandwidth         -           Current - Input Bias         100pA           Voltage - Input Offset         600µV           Current - Output / Channel         200µA           Voltage - Supply, Single/Dual (±)         2.5 V ~ 12 V, ± 1.25 V ~ 6 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         14-TSSOP (0.173", 4.40mm Width)           Supplier Device Package         14-TSSOP		
Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-TSSOP (0.173", 4.40mm Width)           Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         0.002 V/μs           Gain Bandwidth Product         5.5kHz           -3db Bandwidth         -           Current - Input Bias         100pA           Voltage - Input Offset         600μV           Current - Supply         1μA           Current - Output / Channel         200μA           Voltage - Supply, Single/Dual (±)         2.5 V ~ 12 V, ±1.25 V ~ 6 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         14-TSSOP (0.173", 4.40mm Width)           Supplier Device Package         14-TSSOP	Manufacturer Part Number	TLV2244IPWR
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Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         0.002 V/μs           Gain Bandwidth Product         5.5kHz           -3db Bandwidth         -           Current - Input Bias         100pA           Voltage - Input Offset         600μV           Current - Supply         1μA           Current - Output / Channel         200μA           Voltage - Supply, Single/Dual (±)         2.5 V ~ 12 V, ±1.25 V ~ 6 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         14-TSSOP (0.173", 4.40mm Width)           Supplier Device Package         14-TSSOP		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate0.002 V/μsGain Bandwidth Product5.5kHz-3db Bandwidth-Current - Input Bias100pAVoltage - Input Offset600μVCurrent - Supply1μACurrent - Output / Channel200μAVoltage - Supply, Single/Dual (±)2.5 V ~ 12 V, ±1.25 V ~ 6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Package	14-TSSOP (0.173", 4.40mm Width)
Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         0.002 V/μs           Gain Bandwidth Product         5.5kHz           -3db Bandwidth         -           Current - Input Bias         100pA           Voltage - Input Offset         600μV           Current - Supply         1μA           Current - Output / Channel         200μA           Voltage - Supply, Single/Dual (±)         2.5 V ~ 12 V, ±1.25 V ~ 6 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         14-TSSOP (0.173", 4.40mm Width)           Supplier Device Package         14-TSSOP	Series	-
Output Type Rail-to-Rail Slew Rate 0.002 V/ $\mu$ s  Gain Bandwidth Product 5.5kHz  -3db Bandwidth - Current - Input Bias 100pA Voltage - Input Offset 600 $\mu$ V  Current - Supply 1 $\mu$ A  Current - Output / Channel 200 $\mu$ A  Voltage - Supply, Single/Dual ( $\pm$ ) 2.5 V ~ 12 V, $\pm$ 1.25 V ~ 6 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package 14-TSSOP	Amplifier Type	General Purpose
Slew Rate 0.002 V/ $\mu$ s  Gain Bandwidth Product 5.5kHz  -3db Bandwidth -  Current - Input Bias 100pA  Voltage - Input Offset 600 $\mu$ V  Current - Supply 1 $\mu$ A  Current - Output / Channel 200 $\mu$ A  Voltage - Supply, Single/Dual ( $\pm$ ) 2.5 V ~ 12 V, $\pm$ 1.25 V ~ 6 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package 14-TSSOP	Number of Circuits	4
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ Current - Input \ Bias \\ 100 pA \\ Voltage - Input \ Offset \\ 600 \mu V \\ Current - Supply \\ 1 \mu A \\ Current - Output / Channel \\ 200 \mu A \\ Voltage - Supply, Single/Dual (\pm) 2.5 \ V \sim 12 \ V, \pm 1.25 \ V \sim 6 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 85^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 14-TSSOP (0.173'', 4.40mm \ Width) \\ Supplier \ Device \ Package \\ 14-TSSOP \\$	Slew Rate	0.002 V/μs
Current - Input Bias $100pA$ Voltage - Input Offset $600\mu V$ Current - Supply $1\mu A$ Current - Output / Channel $200\mu A$ Voltage - Supply, Single/Dual ( $\pm$ ) $2.5 \ V \sim 12 \ V, \pm 1.25 \ V \sim 6 \ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount $Package / Case$ $14-TSSOP (0.173'', 4.40mm Width)$ Supplier Device Package	Gain Bandwidth Product	5.5kHz
$Voltage - Input Offset \\ Current - Supply \\ 1\mu A \\ Current - Output / Channel \\ 200\mu A \\ Voltage - Supply, Single/Dual (\pm) 2.5 \text{ V} \sim 12 \text{ V}, \pm 1.25 \text{ V} \sim 6 \text{ V} \\ Operating Temperature \\ -40^{\circ}\text{C} \sim 85^{\circ}\text{C} \\ Mounting Type \\ Surface Mount \\ Package / Case \\ 14-TSSOP (0.173", 4.40mm Width) \\ Supplier Device Package \\ 14-TSSOP$	-3db Bandwidth	-
Current - Supply $ \begin{array}{ccccccccccccccccccccccccccccccccccc$	Current - Input Bias	100pA
Current - Output / Channel $200\mu A$ Voltage - Supply, Single/Dual ( $\pm$ ) $2.5 \text{ V} \sim 12 \text{ V}, \pm 1.25 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $14\text{-TSSOP}$ $(0.173^{\circ}, 4.40\text{mm Width})$ Supplier Device Package $14\text{-TSSOP}$	Voltage - Input Offset	600μV
Voltage - Supply, Single/Dual ( $\pm$ ) 2.5 V ~ 12 V, $\pm$ 1.25 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Current - Supply	1μΑ
Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package  14-TSSOP	Current - Output / Channel	200μΑ
Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Voltage - Supply, Single/Dual (±)	2.5 V ~ 12 V, ±1.25 V ~ 6 V
Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 14-TSSOP	Mounting Type	Surface Mount
	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Report errors?	Supplier Device Package	14-TSSOP
		Report errors?

### **TLV2244IPWR 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.

## **TLV2244IPWR Payment Methods**



















### **TLV2244IPWR Shipping Methods**













If you have any question about TLV2244IPWR, please do not hesitate to contact us!

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