



### **OPA4316IPWR Information**



For Reference Only

Part Number OPA4316IPWR
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description**IC OPAMP GP 10MHZ 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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## **OPA4316IPWR Specifications**

Manufacturer Part Number         OPA4316IPWR           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         6 V/μs           Gain Bandwidth Product         10MHz           -3db Bandwidth         -           Current - Input Bias         5pA           Voltage - Input Offset         500μV           Current - Supply         400μA           Current - Output / Channel         50mA           Voltage - Supply, Single/Dual (±)         1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         14-TSSOP (0.173", 4.40mm Width)           Supplier Device Package         14-TSSOP		
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Amplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate $6 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $10\text{MHz}$ -3db Bandwidth-Current - Input Bias $5\text{pA}$ Voltage - Input Offset $500\mu\text{V}$ Current - Supply $400\mu\text{A}$ Current - Output / Channel $50\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $1.8 \text{ V} \sim 5.5 \text{ V}, \pm 0.9 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $14\text{-TSSOP}$ ( $0.173^{\circ}$ , $4.40\text{mm}$ Width)Supplier Device Package $14\text{-TSSOP}$	Package	14-TSSOP (0.173", 4.40mm Width)
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Output Type Rail-to-Rail  Slew Rate $6 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $10\text{MHz}$ -3db Bandwidth  -Current - Input Bias $5\text{pA}$ Voltage - Input Offset $500\mu\text{V}$ Current - Supply $400\mu\text{A}$ Current - Output / Channel $50\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $1.8 \text{ V} \sim 5.5 \text{ V}$ , $\pm 0.9 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case $14\text{-TSSOP}$ $(0.173^{\circ}, 4.40\text{mm Width})$ Supplier Device Package $14\text{-TSSOP}$	Amplifier Type	General Purpose
Slew Rate $6 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $10 \text{MHz}$ -3db Bandwidth -  Current - Input Bias $5pA$ Voltage - Input Offset $500\mu\text{V}$ Current - Supply $400\mu\text{A}$ Current - Output / Channel $50 \text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $1.8 \text{ V} \sim 5.5 \text{ V}, \pm 0.9 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $14\text{-TSSOP}$ $(0.173^{\circ}, 4.40 \text{mm Width})$ Supplier Device Package $14\text{-TSSOP}$	Number of Circuits	4
Gain Bandwidth Product  -3db Bandwidth  -Current - Input Bias  Voltage - Input Offset  Current - Supply  400 $\mu$ A  Current - Output / Channel  Voltage - Supply, Single/Dual ( $\pm$ )  Operating Temperature  Mounting Type  Package / Case  14-TSSOP  10MHz  -40°C ~ 125°C  Mounting Type  14-TSSOP	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ 5pA \\ Voltage - Input \ Offset \\ 500 \mu V \\ Current - Supply \\ 400 \mu A \\ Current - Output / Channel \\ 50 mA \\ Voltage - Supply, Single/Dual (\pm) 1.8 \ V \sim 5.5 \ V, \pm 0.9 \ V \sim 2.75 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 14-TSSOP (0.173'', 4.40mm \ Width) \\ Supplier \ Device \ Package \\ 14-TSSOP$	Slew Rate	6 V/μs
Current - Input Bias $5pA$ Voltage - Input Offset $500\mu V$ Current - Supply $400\mu A$ Current - Output / Channel $50mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $1.8 \ V \sim 5.5 \ V$ , $\pm 0.9 \ V \sim 2.75 \ V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount  Package / Case $14\text{-TSSOP}$ $(0.173^{\circ}, 4.40mm \ Width)$ Supplier Device Package $14\text{-TSSOP}$	Gain Bandwidth Product	10MHz
Voltage - Input Offset $500\mu V$ Current - Supply $400\mu A$ Current - Output / Channel $50mA$ Voltage - Supply, Single/Dual (±) $1.8 \text{ V} \sim 5.5 \text{ V}, \pm 0.9 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $14\text{-TSSOP}$ (0.173", $4.40\text{mm}$ Width)Supplier Device Package $14\text{-TSSOP}$	-3db Bandwidth	-
Current - Supply $400\mu A$ Current - Output / Channel $50mA$ Voltage - Supply, Single/Dual (±) $1.8 \text{ V} \sim 5.5 \text{ V}, \pm 0.9 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $14\text{-TSSOP}$ $(0.173^{\circ}, 4.40mm \text{ Width})$ Supplier Device Package $14\text{-TSSOP}$	Current - Input Bias	5pA
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Voltage - Supply, Single/Dual ( $\pm$ ) 1.8 V ~ 5.5 V, $\pm$ 0.9 V ~ 2.75 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Current - Supply	400μΑ
Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package 14-TSSOP	Current - Output / Channel	50mA
Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Voltage - Supply, Single/Dual (±)	$1.8 \text{ V} \sim 5.5 \text{ V}, \pm 0.9 \text{ V} \sim 2.75 \text{ V}$
Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Operating Temperature	-40°C ~ 125°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?

#### **OPA4316IPWR 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.

# **OPA4316IPWR Payment Methods**









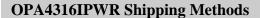
























If you have any question about OPA4316IPWR, please do not hesitate to contact us!

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