

### **LM324PW Information**



For Reference Only

Part Number LM324PW

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

**Description** IC OPAMP GP 1.2MHZ 14TSSOP **Package** 14-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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## **LM324PW Specifications**

Manufacturer Part Number         LM324PW           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         -           Slew Rate         0.5 V/μs           Gain Bandwidth Product         1.2MHz           -3db Bandwidth         -           Current - Input Bias         20nA           Voltage - Input Offset         3mV           Current - Supply         1.4mA           Current - Output / Channel         60mA           Voltage - Supply, Single/Dual (±)         3 V ~ 32 V, ±1.5 V ~ 16 V           Operating Temperature         0°C ~ 70°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         -           Slew Rate         0.5 V/μs           Gain Bandwidth Product         1.2MHz           -3db Bandwidth         -           Current - Input Bias         20nA           Voltage - Input Offset         3mV           Current - Supply         1.4mA           Current - Output / Channel         60mA           Voltage - Supply, Single/Dual (±)         3 V ~ 32 V, ±1.5 V ~ 16 V           Operating Temperature         0°C ~ 70°C           Mounting Type         Surface Mount           Package / Case         14-TSSOP (0.173", 4.40mm Width)           Supplier Device Package         14-TSSOP	Manufacturer Part Number	LM324PW
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Package       14-TSSOP (0.173", 4.40mm Width)         Series       -         Amplifier Type       General Purpose         Number of Circuits       4         Output Type       -         Slew Rate       0.5 V/μs         Gain Bandwidth Product       1.2MHz         -3db Bandwidth       -         Current - Input Bias       20nA         Voltage - Input Offset       3mV         Current - Supply       1.4mA         Current - Output / Channel       60mA         Voltage - Supply, Single/Dual (±)       3 V ~ 32 V, ±1.5 V ~ 16 V         Operating Temperature       0°C ~ 70°C         Mounting Type       Surface Mount         Package / Case       14-TSSOP (0.173", 4.40mm Width)         Supplier Device Package       14-TSSOP	Category	Integrated Circuits (ICs)
Series - Amplifier Type General Purpose Number of Circuits 4 Output Type - Slew Rate 0.5 V/µs Gain Bandwidth Product 1.2MHz -3db Bandwidth - Current - Input Bias 20nA Voltage - Input Offset 3mV Current - Supply 1.4mA Current - Output / Channel 60mA Voltage - Supply, Single/Dual (±) 3 V ~ 32 V, ±1.5 V ~ 16 V Operating Temperature 0°C ~ 70°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
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Number of Circuits 4 Output Type - Slew Rate 0.5 V/ $\mu$ s Gain Bandwidth Product 1.2MHz -3db Bandwidth - Current - Input Bias 20nA Voltage - Input Offset 3mV Current - Supply 1.4mA Current - Output / Channel 60mA Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 32 V, $\pm$ 1.5 V ~ 16 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Series	-
Output Type  Slew Rate  0.5 V/µs  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  Voltage - Input Offset  3mV  Current - Supply  1.4mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  14-TSSOP  -  0.5 V/µs  0.5 V/µs  1.2MHz  - 00A  Voltage - Supply Bias  3mV  Current - Output / Channel  60mA  Voltage - Supply, Single/Dual (±)  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package	Amplifier Type	General Purpose
Slew Rate  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  Voltage - Input Offset  3mV  Current - Supply  1.4mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  14-TSSOP  0.5 V/µs  1.2MHz  - 0.6 V/µs  1.2MHz  - 0.7 V/µs  3mV  20nA  Voltage - Supply  1.4mA  60mA  Voltage - Supply, Single/Dual (±)  0°C ~ 70°C  Mounting Type  Surface Mount  14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package	Number of Circuits	4
Gain Bandwidth Product  -3db Bandwidth  -  Current - Input Bias  20nA  Voltage - Input Offset  3mV  Current - Supply  1.4mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  3 V ~ 32 V, ±1.5 V ~ 16 V  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package	Output Type	-
-3db Bandwidth - Current - Input Bias 20nA  Voltage - Input Offset 3mV  Current - Supply 1.4mA  Current - Output / Channel 60mA  Voltage - Supply, Single/Dual (±) 3 V ~ 32 V, ±1.5 V ~ 16 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package 14-TSSOP	Slew Rate	0.5 V/μs
Current - Input Bias  Voltage - Input Offset  3mV  Current - Supply  1.4mA  Current - Output / Channel  60mA  Voltage - Supply, Single/Dual (±)  3 V ~ 32 V, ±1.5 V ~ 16 V  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package	Gain Bandwidth Product	1.2MHz
Voltage - Input Offset $3mV$ Current - Supply $1.4mA$ Current - Output / Channel $60mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $3V \sim 32V, \pm 1.5V \sim 16V$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ Mounting Type Surface Mount  Package / Case $14$ -TSSOP $(0.173^{\circ}, 4.40mm \text{ Width})$ Supplier Device Package $14$ -TSSOP	-3db Bandwidth	-
Current - Supply  1.4mA  Current - Output / Channel  60mA  Voltage - Supply, Single/Dual (±)  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package	Current - Input Bias	20nA
Current - Output / Channel 60mA  Voltage - Supply, Single/Dual (±) 3 V ~ 32 V, ±1.5 V ~ 16 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package 14-TSSOP	Voltage - Input Offset	3mV
Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 32 V, $\pm$ 1.5 V ~ 16 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 14-TSSOP (0.173", 4.40mm Width)  Supplier Device Package 14-TSSOP	Current - Supply	1.4mA
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Current - Output / Channel	60mA
Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Voltage - Supply, Single/Dual (±)	3 V ~ 32 V, ±1.5 V ~ 16 V
Package / Case 14-TSSOP (0.173", 4.40mm Width) Supplier Device Package 14-TSSOP	Operating Temperature	0°C ~ 70°C
Supplier Device Package 14-TSSOP	Mounting Type	Surface Mount
	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Donort owners	Supplier Device Package	14-TSSOP
Report errors:		Report errors?

### **LM324PW 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.

## **LM324PW Payment Methods**

































If you have any question about LM324PW, please do not hesitate to contact us!

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