



## **AD640BPZ Information**



For Reference Only

Part Number AD640BPZ

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP LOG 350MHZ 20PLCC

Package 20-LCC (J-Lead)

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**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## **AD640BPZ Specifications**

Manufacturer Part Number       AD640BPZ         Manufacturer       Analog Devices Inc.         Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       20-LCC (J-Lead)         Series       -         Amplifier Type       Logarithmic         Number of Circuits       1         Output Type       -         Slew Rate       -         Gain Bandwidth Product       -         -3db Bandwidth       350MHz         Current - Input Bias       7μA         Voltage - Input Offset       50μV         Current - Output / Channel       2.3mA         Voltage - Supply, Single/Dual (±)       ±4.5 V ~ 7.5 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Package / Care       20 LCC (H. Lead)		
Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       20-LCC (J-Lead)         Series       -         Amplifier Type       Logarithmic         Number of Circuits       1         Output Type       -         Slew Rate       -         Gain Bandwidth Product       -         -3db Bandwidth       350MHz         Current - Input Bias       7μA         Voltage - Input Offset       50μV         Current - Supply       35mA         Current - Output / Channel       2.3mA         Voltage - Supply, Single/Dual (±)       ±4.5 V ~ 7.5 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount	Manufacturer Part Number	AD640BPZ
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Manufacturer	Analog Devices Inc.
Package20-LCC (J-Lead)Series-Amplifier TypeLogarithmicNumber of Circuits1Output Type-Slew Rate-Gain Bandwidth Product3db Bandwidth350MHzCurrent - Input Bias7μAVoltage - Input Offset50μVCurrent - Supply35mACurrent - Output / Channel2.3mAVoltage - Supply, Single/Dual (±)±4.5 V ~ 7.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount	Category	Integrated Circuits (ICs)
Series         -           Amplifier Type         Logarithmic           Number of Circuits         1           Output Type         -           Slew Rate         -           Gain Bandwidth Product         -           -3db Bandwidth         350MHz           Current - Input Bias         7μA           Voltage - Input Offset         50μV           Current - Supply         35mA           Current - Output / Channel         2.3mA           Voltage - Supply, Single/Dual (±)         ±4.5 V ~ 7.5 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Logarithmic  Number of Circuits 1  Output Type - Slew Rate - Gain Bandwidth Product3db Bandwidth S350MHz  Current - Input Bias 7 $\mu$ A  Voltage - Input Offset 50 $\mu$ V  Current - Supply 35mA  Current - Output / Channel 2.3mA  Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 4.5$ V $\sim 7.5$ V  Operating Temperature -40°C $\sim 85$ °C  Mounting Type Surface Mount	Package	20-LCC (J-Lead)
Number of Circuits 1 Output Type - Slew Rate - Gain Bandwidth Product3db Bandwidth Product $7\mu$ A  Current - Input Bias $7\mu$ A  Voltage - Input Offset $50\mu$ V  Current - Supply $35m$ A  Current - Output / Channel $2.3m$ A  Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 4.5 \text{ V} \sim 7.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Series	-
Output Type - Slew Rate - Gain Bandwidth Product 3db Bandwidth S350MHz  Current - Input Bias $7\mu A$ Voltage - Input Offset $50\mu V$ Current - Supply $35mA$ Current - Output / Channel $2.3mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 4.5 \ V \sim 7.5 \ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount	Amplifier Type	Logarithmic
	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth  Current - Input Bias $7\mu A$ Voltage - Input Offset $50\mu V$ Current - Supply $35mA$ Current - Output / Channel  Voltage - Supply, Single/Dual ( $\pm$ )  Operating Temperature  Mounting Type $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type  Surface Mount	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	-
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	-
$Voltage - Input Offset \\ S0\mu V \\ Current - Supply \\ 35mA \\ Current - Output / Channel \\ 2.3mA \\ Voltage - Supply, Single/Dual (\pm) \pm 4.5 \text{ V} \sim 7.5 \text{ V} \\ Operating Temperature \\ -40^{\circ}C \sim 85^{\circ}C \\ Mounting Type \\ Surface Mount$	-3db Bandwidth	350MHz
Current - Supply $35 mA$ Current - Output / Channel $2.3 mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 4.5 \text{ V} \sim 7.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface Mount	Current - Input Bias	7μΑ
Current - Output / Channel 2.3mA  Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 4.5 \text{ V} \sim 7.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Voltage - Input Offset	50μV
Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 4.5 \text{ V} \sim 7.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Supply	35mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Output / Channel	2.3mA
Mounting Type Surface Mount	Voltage - Supply, Single/Dual (±)	±4.5 V ~ 7.5 V
	Operating Temperature	-40°C ~ 85°C
Pagkaga / Casa 20 I CC (I I and)	Mounting Type	Surface Mount
rackage / Case 20-LCC (J-Leau)	Package / Case	20-LCC (J-Lead)
Supplier Device Package 20-PLCC (9x9)	Supplier Device Package	20-PLCC (9x9)
Report errors		Report errors?

### **AD640BPZ 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.

## **AD640BPZ Payment Methods**



















# **AD640BPZ Shipping Methods**













If you have any question about AD640BPZ, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com