



### **HFA1112IPZ Information**

For Reference Only

Part Number HFA1112IPZ

Manufacturer Intersil

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP BUFFER 850MHZ 8DIP

**Package** 8-DIP (0.300", 7.62mm)

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.









# **HFA1112IPZ Specifications**

Manufacturer Part Number         HFA112IPZ           Manufacturer         Intersil           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         Buffer           Number of Circuits         1           Output Type         -           Slew Rate         2400 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         850MHz           Current - Input Bias         25μA           Voltage - Input Offset         8mV           Current - Supply         21mA           Current - Output / Channel         60mA           Voltage - Supply, Single/Dual (±)         9 V ~ 11 V, ±4.5 V ~ 5.5 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-PDIP		
Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         Buffer           Number of Circuits         1           Output Type         -           Slew Rate         2400 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         850MHz           Current - Input Bias         25μA           Voltage - Input Offset         8mV           Current - Supply         21mA           Current - Output / Channel         60mA           Voltage - Supply, Single/Dual (±)         9 V ~ 11 V, ±4.5 V ~ 5.5 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-PDIP	Manufacturer Part Number	HFA1112IPZ
Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-DIP (0.300", 7.62mm)Series-Amplifier TypeBufferNumber of Circuits1Output Type-Slew Rate2400 V/μsGain Bandwidth Product3db Bandwidth850MHzCurrent - Input Bias25μAVoltage - Input Offset8mVCurrent - Supply21mACurrent - Output / Channel60mAVoltage - Supply, Single/Dual (±)9 V ~ 11 V, ±4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Manufacturer	Intersil
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Number of Circuits1Output Type-Slew Rate $2400 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth $850\text{MHz}$ Current - Input Bias $25\mu\text{A}$ Voltage - Input Offset $8\text{mV}$ Current - Supply $21\text{mA}$ Current - Output / Channel $60\text{mA}$ Voltage - Supply, Single/Dual (±) $9 \text{ V} \sim 11 \text{ V}, \pm 4.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeThrough HolePackage / Case $8\text{-DIP} (0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package $8\text{-PDIP}$	Series	-
Output Type-Slew Rate2400 V/μsGain Bandwidth Product3db Bandwidth850MHzCurrent - Input Bias25μAVoltage - Input Offset8mVCurrent - Supply21mACurrent - Output / Channel60mAVoltage - Supply, Single/Dual (±)9 V ~ 11 V, ±4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Amplifier Type	Buffer
Slew Rate 2400 V/ $\mu$ s  Gain Bandwidth Product3db Bandwidth 850MHz  Current - Input Bias 25 $\mu$ A  Voltage - Input Offset 8mV  Current - Supply 21mA  Current - Output / Channel 60mA  Voltage - Supply, Single/Dual ( $\pm$ ) 9 V ~ 11 V, $\pm$ 4.5 V ~ 5.5 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package 8-PDIP	Number of Circuits	1
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	2400 V/μs
Current - Input Bias $25\mu A$ Voltage - Input Offset $8mV$ Current - Supply $21mA$ Current - Output / Channel $60mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $9 V \sim 11 V, \pm 4.5 V \sim 5.5 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Through Hole  Package / Case $8$ -DIP $(0.300^{\circ}, 7.62mm)$ Supplier Device Package $8$ -PDIP	Gain Bandwidth Product	-
Voltage - Input Offset  Current - Supply  21mA  Current - Output / Channel  60mA  Voltage - Supply, Single/Dual (±)  9 V ~ 11 V, ±4.5 V ~ 5.5 V  Operating Temperature  -40°C ~ 85°C  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package	-3db Bandwidth	850MHz
Current - Supply Current - Output / Channel 60mA  Voltage - Supply, Single/Dual (±) 9 V ~ 11 V, ±4.5 V ~ 5.5 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package 8-PDIP	Current - Input Bias	25μΑ
Current - Output / Channel $60mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $9 \text{ V} \sim 11 \text{ V}, \pm 4.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Through Hole  Package / Case $8\text{-DIP} (0.300^{\circ}, 7.62mm)$ Supplier Device Package $8\text{-PDIP}$	Voltage - Input Offset	8mV
Voltage - Supply, Single/Dual ( $\pm$ ) 9 V ~ 11 V, $\pm$ 4.5 V ~ 5.5 V  Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package 8-PDIP	Current - Supply	21mA
Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package 8-PDIP	Current - Output / Channel	60mA
Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Voltage - Supply, Single/Dual (±)	9 V ~ 11 V, ±4.5 V ~ 5.5 V
Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 8-PDIP	Mounting Type	Through Hole
	Package / Case	8-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	8-PDIP
		Report errors?

#### **HFA1112IPZ** 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.

# **HFA1112IPZ Payment Methods**



















### **HFA1112IPZ Shipping Methods**













If you have any question about HFA1112IPZ, please do not hesitate to contact us!

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