



### **THS3122ID Information**



For Reference Only

Part Number THS3122ID

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP CFA 160MHZ 8SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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# **Certified Quality**

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### **THS3122ID Specifications**

Manufacturer Part NumberTHS3122IDManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeCurrent FeedbackNumber of Circuits2Output Type-Slew Rate1550 V/μsGain Bandwidth Product3db Bandwidth160MHzCurrent - Input Bias6μAVoltage - Input Offset4.4mVCurrent - Supply8.4mACurrent - Output / Channel440mAVoltage - Supply, Single/Dual (±)10 V ~ 30 V, ±5 V ~ 15 VOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount		
Category  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Package  8-SOIC (0.154", 3.90mm Width)  Series  - Amplifier Type  Current Feedback  Number of Circuits  2 Output Type  Slew Rate  1550 V/µs  Gain Bandwidth Product  -3db Bandwidth  160MHz  Current - Input Bias  Voltage - Input Offset  4.4mV  Current - Supply  8.4mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Instrumentation, OP Amps, Buffer Amps  Buffer Amps  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  6.154  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  6.154  4.4mV  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  10 V ~ 30 V, ±5 V ~ 15 V  Operating Temperature  -40°C ~ 85°C	Manufacturer Part Number	THS3122ID
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Manufacturer	Texas Instruments
Package 8-SOIC (0.154", 3.90mm Width)  Series -  Amplifier Type Current Feedback  Number of Circuits 2  Output Type -  Slew Rate 1550 V/ $\mu$ s  Gain Bandwidth Product -  -3db Bandwidth 160MHz  Current - Input Bias 6 $\mu$ A  Voltage - Input Offset 4.4mV  Current - Supply 8.4mA  Current - Output / Channel 440mA  Voltage - Supply, Single/Dual ( $\pm$ ) 10 V ~ 30 V, $\pm$ 5 V ~ 15 V  Operating Temperature -40°C ~ 85°C	Category	Integrated Circuits (ICs)
Series - Amplifier Type Current Feedback Number of Circuits 2   Output Type - Slew Rate 1550 V/ $\mu$ s   Gain Bandwidth Product		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Current Feedback  Number of Circuits 2  Output Type - Slew Rate 1550 V/ $\mu$ s  Gain Bandwidth Product3db Bandwidth 160MHz  Current - Input Bias 6 $\mu$ A  Voltage - Input Offset 4.4mV  Current - Supply 8.4mA  Current - Output / Channel 440mA  Voltage - Supply, Single/Dual ( $\pm$ ) 10 V ~ 30 V, $\pm$ 5 V ~ 15 V  Operating Temperature -40°C ~ 85°C	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits 2 Output Type - Slew Rate 1550 V/ $\mu$ s Gain Bandwidth Product3db Bandwidth 160MHz Current - Input Bias 6 $\mu$ A Voltage - Input Offset 4.4mV Current - Supply 8.4mA Current - Output / Channel 440mA Voltage - Supply, Single/Dual ( $\pm$ ) 10 V ~ 30 V, $\pm$ 5 V ~ 15 V Operating Temperature -40°C ~ 85°C	Series	-
Output Type - Slew Rate 1550 V/ $\mu$ s Gain Bandwidth Product 3db Bandwidth 160MHz Current - Input Bias 6 $\mu$ A Voltage - Input Offset 4.4mV Current - Supply 8.4mA Current - Output / Channel 440mA Voltage - Supply, Single/Dual ( $\pm$ ) 10 V ~ 30 V, $\pm$ 5 V ~ 15 V Operating Temperature -40°C ~ 85°C	Amplifier Type	Current Feedback
Slew Rate $1550 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth $160 \text{MHz}$ Current - Input Bias $6\mu\text{A}$ Voltage - Input Offset $4.4 \text{mV}$ Current - Supply $8.4 \text{mA}$ Current - Output / Channel $440 \text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $10 \text{ V} \sim 30 \text{ V}, \pm 5 \text{ V} \sim 15 \text{ V}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C}$	Number of Circuits	2
Gain Bandwidth Product	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	1550 V/μs
Current - Input Bias $6\mu A$ Voltage - Input Offset $4.4mV$ Current - Supply $8.4mA$ Current - Output / Channel $440mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $10 \ V \sim 30 \ V, \pm 5 \ V \sim 15 \ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$	Gain Bandwidth Product	-
Voltage - Input Offset 4.4mV   Current - Supply 8.4mA   Current - Output / Channel 440mA   Voltage - Supply, Single/Dual ( $\pm$ ) 10 V ~ 30 V, $\pm$ 5 V ~ 15 V   Operating Temperature -40°C ~ 85°C	-3db Bandwidth	160MHz
Current - Supply 8.4mA  Current - Output / Channel 440mA  Voltage - Supply, Single/Dual $(\pm)$ 10 V ~ 30 V, $\pm$ 5 V ~ 15 V  Operating Temperature -40°C ~ 85°C	Current - Input Bias	6μΑ
Current - Output / Channel 440mA  Voltage - Supply, Single/Dual ( $\pm$ ) 10 V ~ 30 V, $\pm$ 5 V ~ 15 V  Operating Temperature -40°C ~ 85°C	Voltage - Input Offset	4.4mV
Voltage - Supply, Single/Dual ( $\pm$ ) 10 V ~ 30 V, $\pm$ 5 V ~ 15 V Operating Temperature -40°C ~ 85°C	Current - Supply	8.4mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Current - Output / Channel	440mA
	Voltage - Supply, Single/Dual (±)	10 V ~ 30 V, ±5 V ~ 15 V
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Package / Case 8-SOIC (0.154", 3.90mm Width)	Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SOIC	Supplier Device Package	8-SOIC
Report error		Report errors?

### **THS3122ID 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.

## **THS3122ID Payment Methods**





















### **THS3122ID Shipping Methods**













If you have any question about THS3122ID, please do not hesitate to contact us!

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