



THS4012ID Information



For Reference Only

Part Number THS4012ID

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP VFB 290MHZ 8SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

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.









THS4012ID Specifications

$\begin{array}{llllllllllllllllllllllllllllllllllll$		
Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type Voltage Feedback Number of Circuits 2 Output Type - Slew Rate 310 V/µs Gain Bandwidth Product -3db Bandwidth 290MHz -3db Bandwidth 290MHz Current - Input Bias 2µA Voltage - Input Offset ImV Current - Supply 7.8mA Current - Output / Channel 110mA	Manufacturer Part Number	THS4012ID
Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeVoltage FeedbackNumber of Circuits2Output Type-Slew Rate310 V/μsGain Bandwidth Product290MHz-3db Bandwidth290MHzCurrent - Input Bias2μAVoltage - Input Offset1mVCurrent - Supply7.8mACurrent - Output / Channel110mA	Manufacturer	Texas Instruments
Package8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeVoltage FeedbackNumber of Circuits2Output Type-Slew Rate310 V/μsGain Bandwidth Product290MHz-3db Bandwidth290MHzCurrent - Input Bias2μAVoltage - Input Offset1mVCurrent - Supply7.8mACurrent - Output / Channel110mA	Category	Integrated Circuits (ICs)
Series - Amplifier Type Voltage Feedback Number of Circuits 2 Output Type - Slew Rate 310 V/µs Gain Bandwidth Product 290MHz -3db Bandwidth 290MHz Current - Input Bias 2µA Voltage - Input Offset 1mV Current - Supply 7.8mA Current - Output / Channel 110mA		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Voltage Feedback Number of Circuits 2 Output Type - Slew Rate 310 V/µs Gain Bandwidth Product 290MHz -3db Bandwidth 290MHz Current - Input Bias 2µA Voltage - Input Offset 1mV Current - Supply 7.8mA Current - Output / Channel 110mA	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits2Output Type-Slew Rate310 V/μsGain Bandwidth Product290MHz-3db Bandwidth290MHzCurrent - Input Bias2μAVoltage - Input Offset1mVCurrent - Supply7.8mACurrent - Output / Channel110mA	Series	-
Output Type Slew Rate 310 V/µs Gain Bandwidth Product -3db Bandwidth Current - Input Bias Voltage - Input Offset Current - Supply 7.8mA Current - Output / Channel 110mA	Amplifier Type	Voltage Feedback
Slew Rate310 V/μsGain Bandwidth Product290MHz-3db Bandwidth290MHzCurrent - Input Bias2μAVoltage - Input Offset1mVCurrent - Supply7.8mACurrent - Output / Channel110mA	Number of Circuits	2
Gain Bandwidth Product 290MHz -3db Bandwidth 290MHz Current - Input Bias 2μA Voltage - Input Offset 1mV Current - Supply 7.8mA Current - Output / Channel 110mA	Output Type	-
-3db Bandwidth 290MHz Current - Input Bias 2μA Voltage - Input Offset 1mV Current - Supply 7.8mA Current - Output / Channel 110mA	Slew Rate	310 V/μs
Current - Input Bias 2μA Voltage - Input Offset 1mV Current - Supply 7.8mA Current - Output / Channel 110mA	Gain Bandwidth Product	290MHz
Voltage - Input Offset 1mV Current - Supply 7.8mA Current - Output / Channel 110mA	-3db Bandwidth	290MHz
Current - Supply 7.8mA Current - Output / Channel 110mA	Current - Input Bias	$2\mu A$
Current - Output / Channel 110mA	Voltage - Input Offset	1mV
1	Current - Supply	7.8mA
Voltage - Supply, Single/Dual (\pm) 9 V ~ 32 V, \pm 4.5 V ~ 16 V	Current - Output / Channel	110mA
	Voltage - Supply, Single/Dual (±)	9 V ~ 32 V, ±4.5 V ~ 16 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	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 err		Report errors?

THS4012ID 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.

THS4012ID Payment Methods



















THS4012ID Shipping Methods













If you have any question about THS4012ID, please do not hesitate to contact us!

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