



TSH151ID Information

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For Reference Only

Part Number TSH151ID

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 150MHZ 8SO **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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TSH151ID Specifications

Manufacturer Part Number Manufacturer Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type General Purpose Number of Circuits 1 Output Type - Slew Rate 200 V/µs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset Current - Supply Current - Output / Channel Voltage - Supply, Single/Dual (±) Departing Temperature Mounting Type Surface Mount Package / Case Supplier Device Package 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC (0.154", 3.90mm Width) Supplier Device Package		
Category Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type General Purpose Number of Circuits 1 Output Type - Slew Rate 200 V/µs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset 500µV Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	TSH151ID
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type General Purpose Number of Circuits 1 Output Type - Slew Rate 200 V/μs Gain Bandwidth Product 150MHz -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset 500μV Current - Supply 25mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) ±3 V ~ 6 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Manufacturer	STMicroelectronics
Package8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits1Output Type-Slew Rate200 V/μsGain Bandwidth Product150MHz-3db Bandwidth-Current - Input Bias2pAVoltage - Input Offset500μVCurrent - Supply25mACurrent - Output / Channel100mAVoltage - Supply, Single/Dual (±)±3 V ~ 6 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
Series - Amplifier Type General Purpose Number of Circuits 1 Output Type - Slew Rate 200 V/μs Gain Bandwidth Product 150MHz -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset 500μV Current - Supply 25mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) ±3 V ~ 6 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Number of Circuits 1 Output Type - Slew Rate 200 V/µs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset Current - Supply Current - Output / Channel Voltage - Supply, Single/Dual (±) Voltage - Supply, Single/Dual (±) -40°C ~ 125°C Mounting Type Surface Mount Package / Case General Purpose 10 General Purpose 10 10 10 10 15 15 15 15 15 16 16 17 17 17 18 18 18 18 18 18 18	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits Output Type Slew Rate $200 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 150MHz -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset $500\mu\text{V}$ Current - Supply 25mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (\pm) $\pm 3 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8\text{-SOIC (0.154'', 3.90mm Width)}$	Series	-
Output Type - Slew Rate 200 V/ μ s Gain Bandwidth Product 150MHz - 3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset 500 μ V Current - Supply 25mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) ±3 V ~ 6 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Amplifier Type	General Purpose
Slew Rate $200 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 150MHz -3db Bandwidth $- \text{Current - Input Bias}$ 2pA $Voltage - Input Offset$ $500 \mu \text{V}$ Current - Supply 25mA $\text{Current - Output / Channel}$ 100mA $Voltage - Supply, Single/Dual (±)$ $43 \text{ V} \sim 6 \text{ V}$ $Operating Temperature$ $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8-SOIC (0.154", 3.90 \text{mm Width})$	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset 500µV Current - Supply 25mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 43 V ~ 6 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Output Type	-
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	200 V/μs
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	150MHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply $25mA$ Current - Output / Channel $100mA$ Voltage - Supply, Single/Dual (\pm) $\pm 3 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-SOIC }(0.154\text{"}, 3.90\text{mm Width})$	Current - Input Bias	2pA
Current - Output / Channel 100mA Voltage - Supply, Single/Dual (\pm) \pm 3 V ~ 6 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Input Offset	$500\mu V$
Voltage - Supply, Single/Dual (\pm) ± 3 V ~ 6 V Operating Temperature -40° C ~ 125° C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Supply	25mA
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Output / Channel	100mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Supply, Single/Dual (±)	±3 V ~ 6 V
Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
Supplier Device Package 8-SO	Package / Case	8-SOIC (0.154", 3.90mm Width)
	Supplier Device Package	8-SO
Report errors		Report errors?

TSH151ID 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.

TSH151ID Payment Methods



















TSH151ID Shipping Methods













If you have any question about TSH151ID, please do not hesitate to contact us!

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