



LT1638HS8 Information



For Reference Only

Part Number LT1638HS8

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 2 CIRCUIT 8SO **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



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LT1638HS8 Specifications

Manufacturer Part Number LT1638HS8 Manufacturer Linear Technology Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series Over-The-Top® Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 0.4V/µs Gain Bandwidth Product 1.2MHz -3db Bandwidth - Current - Input Bias 20nA Voltage - Input Offset 250µV Current - Supply 205µA Current - Output / Channel 40mA Voltage - Supply, Single/Dual (±) 2.5V ~ 44V, ±1.25V ~ 22V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO		
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SeriesOver-The-Top®Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate0.4V/μsGain Bandwidth Product1.2MHz-3db Bandwidth-Current - Input Bias20nAVoltage - Input Offset250μVCurrent - Supply205μACurrent - Output / Channel40mAVoltage - Supply, Single/Dual (±)2.5V ~ 44V, ±1.25V ~ 22VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SO		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate0.4V/μsGain Bandwidth Product1.2MHz-3db Bandwidth-Current - Input Bias20nAVoltage - Input Offset250μVCurrent - Supply205μACurrent - Output / Channel40mAVoltage - Supply, Single/Dual (±)2.5V ~ 44V, ±1.25V ~ 22VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SO	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits2Output TypeRail-to-RailSlew Rate $0.4V/\mu s$ Gain Bandwidth Product $1.2MHz$ -3db Bandwidth-Current - Input Bias $20nA$ Voltage - Input Offset $250\mu V$ Current - Supply $205\mu A$ Current - Output / Channel $40mA$ Voltage - Supply, Single/Dual (\pm) $2.5V \sim 44V, \pm 1.25V \sim 22V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / Case $8-SOIC (0.154", 3.90mm Width)$ Supplier Device Package $8-SO$	Series	Over-The-Top®
Output Type Rail-to-Rail Slew Rate 0.4V/µs Gain Bandwidth Product 1.2MHz -3db Bandwidth - Current - Input Bias 20nA Voltage - Input Offset 250µV Current - Supply 205µA Current - Output / Channel Voltage - Supply, Single/Dual (±) 2.5V ~ 44V, ±1.25V ~ 22V Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Amplifier Type	General Purpose
Slew Rate $0.4V/\mu s$ $1.2MHz$ $-3db$ Bandwidth Product $1.2MHz$ $-3db$ Bandwidth $-$ Current - Input Bias $20nA$ Voltage - Input Offset $250\mu V$ Current - Supply $205\mu A$ Current - Output / Channel $40mA$ Voltage - Supply, Single/Dual (\pm) $2.5V \sim 44V$, $\pm 1.25V \sim 22V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount Package / Case 8 -SOIC $(0.154^{\circ}, 3.90mm$ Width) Supplier Device Package 8 -SO	Number of Circuits	2
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 20nA Voltage - Input Offset 250μV Current - Supply 205μA Current - Output / Channel 40mA Voltage - Supply, Single/Dual (±) 2.5V ~ 44V, ±1.25V ~ 22V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Output Type	Rail-to-Rail
$-3db \ Bandwidth \\ Current - Input \ Bias \\ 20nA \\ Voltage - Input \ Offset \\ 250\mu V \\ Current - Supply \\ 205\mu A \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 2.5V \sim 44V, \pm 1.25V \sim 22V \\ Operating \ Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 8-SOIC (0.154", 3.90mm \ Width) \\ Supplier \ Device \ Package \\ 8-SO$	Slew Rate	$0.4 \mathrm{V/\mu s}$
Current - Input Bias $20nA$ Voltage - Input Offset $250\mu V$ Current - Supply $205\mu A$ Current - Output / Channel $40mA$ Voltage - Supply, Single/Dual (±) $2.5V \sim 44V, \pm 1.25V \sim 22V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount Package / Case 8 -SOIC $(0.154^{\circ}, 3.90mm \ Width)$ Supplier Device Package 8 -SO	Gain Bandwidth Product	1.2MHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply 205 μ A Current - Output / Channel 40mA Voltage - Supply, Single/Dual (±) 2.5V ~ 44V, ±1.25V ~ 22V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Current - Input Bias	20nA
Current - Output / Channel $40mA$ Voltage - Supply, Single/Dual (\pm) $2.5V \sim 44V, \pm 1.25V \sim 22V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / Case $8\text{-SOIC }(0.154\text{"}, 3.90\text{mm Width})$ Supplier Device Package 8-SO	Voltage - Input Offset	250μV
Voltage - Supply, Single/Dual (\pm) 2.5V ~ 44V, \pm 1.25V ~ 22V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Current - Supply	205μΑ
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Current - Output / Channel	40mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Voltage - Supply, Single/Dual (±)	$2.5V \sim 44V, \pm 1.25V \sim 22V$
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 8-SO	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SO
Report cirous.		Report errors?

LT1638HS8 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.

LT1638HS8 Payment Methods





















LT1638HS8 Shipping Methods













If you have any question about LT1638HS8, please do not hesitate to contact us!

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