



LM258AWYST Information



For Reference Only

Part Number LM258AWYST

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 1.1MHZ 8MINISO

Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

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



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LM258AWYST Specifications

Manufacturer Part Number LM258AWYST Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Series Automotive, AEC-Q100 Amplifier Type General Purpose Number of Circuits 2 Output Type - Slew Rate 0.6 V/μs Gain Bandwidth Product 1.1MHz -3db Bandwidth - Current - Input Bias 20nA Voltage - Input Offset ImV Current - Supply 700μA Current - Output / Channel 60mA Voltage - Supply, Single/Dual (±) 3 V ~ 30 V, ±1.5 V ~ 15 V Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MiniSO		
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Amplifier TypeGeneral PurposeNumber of Circuits2Output Type-Slew Rate0.6 V/μsGain Bandwidth Product1.1MHz-3db Bandwidth-Current - Input Bias20nAVoltage - Input Offset1mVCurrent - Supply700μACurrent - Output / Channel60mAVoltage - Supply, Single/Dual (±)3 V ~ 30 V, ±1.5 V ~ 15 VOperating Temperature-40°C ~ 105°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MiniSO	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
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Output Type Slew Rate Gain Bandwidth Product -3db Bandwidth -Current - Input Bias Voltage - Input Offset Current - Supply Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package -0.6 V/µs -1.1MHz -1.	Amplifier Type	General Purpose
Slew Rate Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset 1mV Current - Supply 700μA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature 40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package	Number of Circuits	2
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset 1mV Current - Supply 700μA Current - Output / Channel Voltage - Supply, Single/Dual (±) 3 V ~ 30 V, ±1.5 V ~ 15 V Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package	Output Type	-
-3db Bandwidth Current - Input Bias 20nA Voltage - Input Offset 1mV Current - Supply 700μA Current - Output / Channel 60mA Voltage - Supply, Single/Dual (±) 3 V ~ 30 V, ±1.5 V ~ 15 V Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MiniSO	Slew Rate	0.6 V/μs
Current - Input Bias 20nA Voltage - Input Offset 1mV Current - Supply 700 μ A Current - Output / Channel 60mA Voltage - Supply, Single/Dual (\pm) 3 V ~ 30 V, \pm 1.5 V ~ 15 V Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MiniSO	Gain Bandwidth Product	1.1MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $700\mu A$ Current - Output / Channel $60mA$ Voltage - Supply, Single/Dual (±) $3 \text{ V} \sim 30 \text{ V}, \pm 1.5 \text{ V} \sim 15 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8\text{-TSSOP}, 8\text{-MSOP} (0.118", 3.00mm \text{ Width})$ Supplier Device Package 8-MiniSO	Current - Input Bias	20nA
Current - Output / Channel $60mA$ Voltage - Supply, Single/Dual (\pm) $3 \text{ V} \sim 30 \text{ V}, \pm 1.5 \text{ V} \sim 15 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-TSSOP}, 8\text{-MSOP} (0.118", 3.00mm \text{ Width})$ Supplier Device Package 8-MiniSO	Voltage - Input Offset	1mV
Voltage - Supply, Single/Dual (\pm) 3 V ~ 30 V, \pm 1.5 V ~ 15 V Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MiniSO	Current - Supply	700μΑ
Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MiniSO	Current - Output / Channel	60mA
Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MiniSO	Voltage - Supply, Single/Dual (±)	3 V ~ 30 V, ±1.5 V ~ 15 V
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MiniSO	Operating Temperature	-40°C ~ 105°C
Supplier Device Package 8-MiniSO	Mounting Type	Surface Mount
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
D	Supplier Device Package	8-MiniSO
Report errors		Report errors?

LM258AWYST 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.

LM258AWYST Payment Methods





















LM258AWYST Shipping Methods













If you have any question about LM258AWYST, please do not hesitate to contact us!

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