



TSV852IYST Information



For Reference Only

Part Number TSV852IYST

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

DescriptionIC OPAMP GP 1.3MHZ RRO 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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TSV852IYST Specifications

Manufacturer TSV852IYST 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 Rail-to-Rail Slew Rate 0.7 V/μs Gain Bandwidth Product 1.3MHz -3db Bandwidth - Current - Input Bias 27nA Voltage - Input Offset 4mV Current - Supply 130μA Current - Output / Channel 70mA Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°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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Slew Rate Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset Current - Supply 130µA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 0.7 V/µs 1.3MHz -4mV -4mV	Number of Circuits	2
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset 4mV Current - Supply 130µA Current - Output / Channel Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V Operating Temperature 4mV -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MiniSO	Output Type	Rail-to-Rail
-3db Bandwidth Current - Input Bias 27nA Voltage - Input Offset 4mV Current - Supply 130μA Current - Output / Channel 70mA Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package	Slew Rate	0.7 V/μs
Current - Input Bias 27nA Voltage - Input Offset 4mV Current - Supply 130 μ A Current - Output / Channel 70mA Voltage - Supply, Single/Dual (\pm) 2.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MiniSO	Gain Bandwidth Product	1.3MHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply 130 μ A Current - Output / Channel 70mA Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MiniSO	Current - Input Bias	27nA
Current - Output / Channel $70mA$ Voltage - Supply, Single/Dual (\pm) $2.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 8-TSSOP , 8-MSOP (0.118° , 3.00mm Width)Supplier Device Package 8-MiniSO	Voltage - Input Offset	4mV
Voltage - Supply, Single/Dual (\pm) 2.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MiniSO	Current - Supply	130μΑ
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MiniSO	Current - Output / Channel	70mA
Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MiniSO	Voltage - Supply, Single/Dual (±)	2.5 V ~ 5.5 V
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MiniSO	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 8-MiniSO	Mounting Type	Surface Mount
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Report errors?	Supplier Device Package	8-MiniSO
Report Chois:		Report errors?

TSV852IYST 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.

TSV852IYST Payment Methods





















TSV852IYST Shipping Methods













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