



TSV851ILT Information



For Reference Only

Part Number TSV851ILT

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 1.3MHZ RRO SOT23-5

Package SC-74A, SOT-753

For the pricing/inventory/lead time, please contact

us

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



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TSV851ILT Specifications

Manufacturer Part Number TSV851ILT Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package SC-74A, SOT-753 Series - Amplifier Type General Purpose Number of Circuits 1 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 - 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 SC-74A, SOT-753 Supplier Device Package SOT-23-5		
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Series-Amplifier TypeGeneral PurposeNumber of Circuits1Output TypeRail-to-RailSlew Rate0.7 V/μsGain Bandwidth Product1.3MHz-3db Bandwidth-Current - Input Bias27nAVoltage - Input Offset4mVCurrent - Supply130μACurrent - Output / Channel70mAVoltage - Supply, Single/Dual (±)2.5 V ~ 5.5 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits1Output TypeRail-to-RailSlew Rate $0.7 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 1.3MHz -3db Bandwidth-Current - Input Bias 27nA Voltage - Input Offset 4mV Current - Supply $130\mu\text{A}$ 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 / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Package	SC-74A, SOT-753
Number of Circuits1Output TypeRail-to-RailSlew Rate0.7 V/μsGain Bandwidth Product1.3MHz-3db Bandwidth-Current - Input Bias27nAVoltage - Input Offset4mVCurrent - Supply130μACurrent - Output / Channel70mAVoltage - Supply, Single/Dual (±)2.5 V ~ 5.5 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Series	-
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Slew Rate Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset 4mV Current - Supply 130μA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package SOT-23-5	Number of Circuits	1
Gain Bandwidth Product -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 SC-74A, SOT-753 Supplier Device Package	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 (±) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package	Slew Rate	0.7 V/μs
Current - Input Bias27nAVoltage - Input Offset4mVCurrent - Supply130μACurrent - Output / Channel70mAVoltage - Supply, Single/Dual (±)2.5 V ~ 5.5 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Gain Bandwidth Product	1.3MHz
Voltage - Input Offset $4mV$ Current - Supply $130\mu A$ Current - Output / Channel $70mA$ Voltage - Supply, Single/Dual (±) $2.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	-3db Bandwidth	-
Current - Supply $130\mu A$ Current - Output / Channel $70mA$ Voltage - Supply, Single/Dual (±) $2.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Current - Input Bias	27nA
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 SC-74A, SOT-753 Supplier Device Package SOT-23-5	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 SC-74A, SOT-753 Supplier Device Package SOT-23-5	Current - Supply	130μΑ
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Current - Output / Channel	70mA
Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Voltage - Supply, Single/Dual (±)	2.5 V ~ 5.5 V
Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Operating Temperature	-40°C ~ 125°C
Supplier Device Package SOT-23-5	Mounting Type	Surface Mount
	Package / Case	SC-74A, SOT-753
Report errors?	Supplier Device Package	SOT-23-5
		Report errors?

TSV851ILT 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.

TSV851ILT Payment Methods





















TSV851ILT Shipping Methods













If you have any question about TSV851ILT, please do not hesitate to contact us!

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