

### **TSV632ILT Information**

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For Reference Only

Part Number TSV632ILT

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 880KHZ RRO SOT23-8

Package SOT-23-8

For the pricing/inventory/lead time, please contact

us

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



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# **TSV632ILT Specifications**

Manufacturer Part NumberTSV632ILTManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackageSOT-23-8Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate0.34 V/μsGain Bandwidth Product880kHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset3mVCurrent - Supply60μACurrent - Output / Channel74mAVoltage - Supply, Single/Dual (±)1.5 V ~ 5.5 VOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Manufacturer Part Number	TSV632ILT
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  SoT-23-8  Series  - Amplifier Type General Purpose  Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 0.34 V/µs  Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 1pA  Voltage - Input Offset 3mV  Current - Supply Current - Output / Channel Voltage - Supply, Single/Dual (±) 1.5 V ~ 5.5 V  Operating Temperature -40°C ~ 125°C  Mounting Type  Surface Mount	Manufacturer	STMicroelectronics
Package SOT-23-8   Series -   Amplifier Type General Purpose   Number of Circuits 2   Output Type Rail-to-Rail   Slew Rate 0.34 V/μs   Gain Bandwidth Product 880kHz   -3db Bandwidth -   Current - Input Bias 1pA   Voltage - Input Offset 3mV   Current - Supply 60μA   Current - Output / Channel 74mA   Voltage - Supply, Single/Dual (±) 1.5 V ~ 5.5 V   Operating Temperature -40°C ~ 125°C   Mounting Type Surface Mount	Category	Integrated Circuits (ICs)
Series - Amplifier Type General Purpose  Number of Circuits 2  Output Type Rail-to-Rail Slew Rate 0.34 V/μs  Gain Bandwidth Product 880kHz  -3db Bandwidth  - Current - Input Bias 1pA  Voltage - Input Offset 3mV  Current - Supply 60μA  Current - Output / Channel 74mA  Voltage - Supply, Single/Dual (±) 1.5 V ~ 5.5 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type General Purpose Number of Circuits 2  Output Type Rail-to-Rail Slew Rate 0.34 V/ $\mu$ s Gain Bandwidth Product 880kHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 3mV Current - Supply 60 $\mu$ A Current - Output / Channel 74mA Voltage - Supply, Single/Dual ( $\pm$ ) 1.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Package	SOT-23-8
Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 0.34 V/ $\mu$ s Gain Bandwidth Product 880kHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 3mV Current - Supply 60 $\mu$ A Current - Output / Channel 74mA Voltage - Supply, Single/Dual ( $\pm$ ) 1.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Series	-
Output Type Rail-to-Rail  Slew Rate 0.34 $V/\mu s$ Gain Bandwidth Product 880kHz  -3db Bandwidth -  Current - Input Bias 1pA  Voltage - Input Offset 3mV  Current - Supply 60 $\mu$ A  Current - Output / Channel 74mA  Voltage - Supply, Single/Dual ( $\pm$ ) 1.5 V ~ 5.5 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount	Amplifier Type	General Purpose
Slew Rate 0.34 V/ $\mu$ s  Gain Bandwidth Product 880kHz  -3db Bandwidth -  Current - Input Bias 1pA  Voltage - Input Offset 3mV  Current - Supply 60 $\mu$ A  Current - Output / Channel 74mA  Voltage - Supply, Single/Dual ( $\pm$ ) 1.5 V ~ 5.5 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount	Number of Circuits	2
	Output Type	Rail-to-Rail
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	0.34 V/μs
Current - Input Bias 1pA  Voltage - Input Offset 3mV  Current - Supply 60 $\mu$ A  Current - Output / Channel 74mA  Voltage - Supply, Single/Dual ( $\pm$ ) 1.5 V ~ 5.5 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount	Gain Bandwidth Product	880kHz
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $60\mu A$ Current - Output / Channel $74mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $1.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Input Bias	1pA
Current - Output / Channel $74mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $1.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface Mount	Voltage - Input Offset	3mV
Voltage - Supply, Single/Dual ( $\pm$ ) 1.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Current - Supply	60μΑ
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Output / Channel	74mA
Mounting Type Surface Mount	Voltage - Supply, Single/Dual (±)	1.5 V ~ 5.5 V
	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
Package / Case SOT-23-8	Package / Case	SOT-23-8
Supplier Device Package SOT-23-8	Supplier Device Package	SOT-23-8
Report errors		Report errors?

#### **TSV632ILT 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.

### **TSV632ILT Payment Methods**



















## **TSV632ILT Shipping Methods**













If you have any question about TSV632ILT, please do not hesitate to contact us!

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