



### **TSV6292IDT Information**

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For Reference Only

Part Number TSV6292IDT

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 1.3MHZ RRO 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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# **Certified Quality**

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# **TSV6292IDT Specifications**

Manufacturer Part NumberTSV6292IDTManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate0.5 V/μsGain Bandwidth Product1.3MHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset4mVCurrent - Output / Channel74mAVoltage - Supply, Single/Dual (±)1.5 V ~ 5.5 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SO		
Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-SOIC (0.154", 3.90mm Width)           Series         -           Amplifier Type         General Purpose           Number of Circuits         2           Output Type         Rail-to-Rail           Slew Rate         0.5 V/μs           Gain Bandwidth Product         1.3MHz           -3db Bandwidth         -           Current - Input Bias         1pA           Voltage - Input Offset         4mV           Current - Supply         29μA           Current - Output / Channel         74mA           Voltage - Supply, Single/Dual (±)         1.5 V ~ 5.5 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)           Supplier Device Package         8-SOI	Manufacturer Part Number	TSV6292IDT
BackageLinear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC $(0.154", 3.90 \text{mm Width})$ Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate $0.5 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $1.3 \text{MHz}$ -3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset $4 \text{mV}$ Current - Supply $29 \mu\text{A}$ Current - Output / Channel $74 \text{mA}$ 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 MountPackage / Case $8-\text{SOIC }(0.154", 3.90 \text{mm Width})$ Supplier Device Package $8-\text{SOIC }(0.154", 3.90 \text{mm Width})$	Manufacturer	STMicroelectronics
Package         8-SOIC (0.154", 3.90mm Width)           Series         -           Amplifier Type         General Purpose           Number of Circuits         2           Output Type         Rail-to-Rail           Slew Rate         0.5 V/μs           Gain Bandwidth Product         1.3MHz           -3db Bandwidth         -           Current - Input Bias         1pA           Voltage - Input Offset         4mV           Current - Supply         29μA           Current - Output / Channel         74mA           Voltage - Supply, Single/Dual (±)         1.5 V ~ 5.5 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)           Supplier Device Package         8-SO	Category	Integrated Circuits (ICs)
Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate0.5 V/μsGain Bandwidth Product1.3MHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset4mVCurrent - Supply29μACurrent - Output / Channel74mAVoltage - Supply, Single/Dual (±)1.5 V ~ 5.5 VOperating 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 Type  Number of Circuits  2  Output Type  Rail-to-Rail  Slew Rate  0.5 V/µs  Gain Bandwidth Product  -3db Bandwidth  -  Current - Input Bias  Voltage - Input Offset  4mV  Current - Supply  29µA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits2Output TypeRail-to-RailSlew Rate $0.5 \text{ V/µs}$ Gain Bandwidth Product $1.3\text{MHz}$ -3db Bandwidth-Current - Input Bias $1\text{pA}$ Voltage - Input Offset $4\text{mV}$ Current - Supply $29\text{µA}$ Current - Output / Channel $74\text{mA}$ Voltage - Supply, Single/Dual (±) $1.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8-\text{SOIC} (0.154^{\circ}\text{N}, 3.90\text{mm Width})$ Supplier Device Package $8-\text{SO}$	Series	-
Output Type Rail-to-Rail  Slew Rate 0.5 V/ $\mu$ s  Gain Bandwidth Product 1.3MHz  -3db Bandwidth  - Current - Input Bias 1pA  Voltage - Input Offset 4mV  Current - Supply 29 $\mu$ 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 / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SO	Amplifier Type	General Purpose
Slew Rate 0.5 V/ $\mu$ s 1.3MHz 1.3MHz 1.3MHz 1.3DHz 1	Number of Circuits	2
Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  1pA  Voltage - Input Offset  4mV  Current - Supply  29μA  Current - Output / Channel  74mA  Voltage - Supply, Single/Dual (±)  1.5 V ~ 5.5 V  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 1pA Voltage - Input Offset 4mV Current - Supply 29μA Current - Output / Channel 74mA Voltage - Supply, Single/Dual (±) 1.5 V ~ 5.5 V Operating Temperature 4-0°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Slew Rate	0.5 V/μs
Current - Input Bias 1pA  Voltage - Input Offset 4mV  Current - Supply 29 $\mu$ 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 / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SO	Gain Bandwidth Product	1.3MHz
Voltage - Input Offset $4mV$ Current - Supply $29\mu A$ Current - Output / Channel $74mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $1.5 \ V \sim 5.5 \ V$ 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	-3db Bandwidth	-
Current - Supply $29\mu A$ Current - Output / Channel $74mA$ Voltage - Supply, Single/Dual (±) $1.5 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case $8\text{-SOIC }(0.154^{\circ}\text{H}, 3.90\text{mm Width})$ Supplier Device Package $8\text{-SOI}$	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 MountPackage / Case $8\text{-SOIC } (0.154^{\circ}\text{H}, 3.90\text{mm Width})$ Supplier Device Package $8\text{-SO}$	Voltage - Input Offset	4mV
Voltage - Supply, Single/Dual ( $\pm$ ) 1.5 V ~ 5.5 V  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	29μΑ
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	74mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Voltage - Supply, Single/Dual (±)	1.5 V ~ 5.5 V
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 errors?

#### **TSV6292IDT 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.

### **TSV6292IDT Payment Methods**



















### **TSV6292IDT Shipping Methods**













If you have any question about TSV6292IDT, please do not hesitate to contact us!

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