



#### **TSB7192AIYST Information**



For Reference Only

Part Number TSB7192AIYST

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description**IC OPAMP GP 2 CIRCUIT 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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### **TSB7192AIYST Specifications**

Manufacturer Part NumberTSB7192AIYSTManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)SeriesAutomotive, AEC-Q100Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate12V/μsGain Bandwidth Product22MHz-3db Bandwidth-Current - Input Bias-Voltage - Input Offset-Current - Supply1.8mACurrent - Output / Channel50mAVoltage - Supply, Single/Dual (±)2.7V ~ 36V, ±1.35V ~ 18VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MiniSO		
Category  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  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  12V/µs  Gain Bandwidth Product  -3db Bandwidth  -  Current - Input Bias  -  Voltage - Input Offset  -  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Manufacturer Part Number	TSB7192AIYST
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Number of Circuits         2           Output Type         Rail-to-Rail           Slew Rate         12V/μs           Gain Bandwidth Product         22MHz           -3db Bandwidth         -           Current - Input Bias         -           Voltage - Input Offset         -           Current - Supply         1.8mA           Current - Output / Channel         50mA           Voltage - Supply, Single/Dual (±)         2.7V ~ 36V, ±1.35V ~ 18V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Series	Automotive, AEC-Q100
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Slew Rate $12V/\mu s$ Gain Bandwidth Product $22MHz$ $-3db Bandwidth \\ - \\ Current - Input Bias \\ Voltage - Input Offset \\ - \\ Current - Supply \\ 1.8mA$ $Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 2.7V \sim 36V, \pm 1.35V \sim 18V Operating Temperature \\ -40^{\circ}C \sim 125^{\circ}C Mounting Type \\ Surface Mount Package / Case \\ 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)$	Number of Circuits	2
Gain Bandwidth Product  -3db Bandwidth  -Current - Input Bias  -Voltage - Input Offset  -Current - Supply  1.8mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Package / Case  22MHz  -  24MEZ  -  25MEZ  -  84MEZ  -  25MEZ  -  85MEZ  -  86MEZ  86MEZ	Output Type	Rail-to-Rail
-3db Bandwidth - Current - Input Bias - Voltage - Input Offset - Current - Supply 1.8mA Current - Output / Channel 50mA Voltage - Supply, Single/Dual (±) 2.7V ~ 36V, ±1.35V ~ 18V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Slew Rate	$12V/\mu s$
Current - Input Bias  Voltage - Input Offset  - Current - Supply  1.8mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  Current - Output / Channel  50mA  2.7V ~ 36V, ±1.35V ~ 18V  -40°C ~ 125°C  Surface Mount  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Gain Bandwidth Product	22MHz
Voltage - Input Offset  Current - Supply  1.8mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  - 1.8mA  50mA  2.7V ~ 36V, ±1.35V ~ 18V  -40°C ~ 125°C  Surface Mount  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	-3db Bandwidth	-
Current - Supply $1.8 mA$ Current - Output / Channel $50 mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $2.7 V \sim 36 V, \pm 1.35 V \sim 18 V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / Case $8-TSSOP, 8-MSOP (0.118", 3.00 mm Width)$	Current - Input Bias	-
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	Mounting Type	Surface Mount
Supplier Device Package 8-MiniSO	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
	Supplier Device Package	8-MiniSO
Report error		Report errors?

#### **TSB7192AIYST 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.

# **TSB7192AIYST Payment Methods**



















### **TSB7192AIYST Shipping Methods**













If you have any question about TSB7192AIYST, please do not hesitate to contact us!

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