



TS1872AIST Information



For Reference Only

Part Number TS1872AIST

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 1.8MHZ RRO 8MINISO **Package** 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

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TS1872AIST Specifications

Manufacturer Part Number TS1872AIST Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Series - Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 0.6 V/μs Gain Bandwidth Product 1.8MHz -3db Bandwidth - Current - Input Bias 70nA Voltage - Input Offset 100μV Current - Supply 500μA Current - Output / Channel 80mA Voltage - Supply, Single/Dual (±) 1.8 V ~ 6 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 $0.6 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 1.8MHz -3db Bandwidth - Current - Input Bias 70nA Voltage - Input Offset $100 \mu\text{V}$ Current - Supply $500 \mu\text{A}$ Current - Output / Channel 80mA Voltage - Supply, Single/Dual (\pm) $1.8 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8\text{-TSSOP}, 8\text{-MSOP} (0.118", 3.00 \text{mm} \text{ Width})$	Number of Circuits	2
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	Rail-to-Rail
$-3db \ Bandwidth \\ -Current - Input \ Bias \\ Voltage - Input \ Offset \\ 100\mu V \\ Current - Supply \\ 500\mu A \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 1.8 \ V \sim 6 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 8-TSSOP, 8-MSOP (0.118", 3.00mm \ Width)$	Slew Rate	0.6 V/μs
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	1.8MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $500\mu A$ Current - Output / Channel $80mA$ Voltage - Supply, Single/Dual (\pm) $1.8 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount $8-\text{TSSOP}$, $8-\text{MSOP}$ (0.118", 3.00mm Width)	Current - Input Bias	70nA
$\begin{tabular}{lll} Current - Output / Channel & 80mA & & & & & & & & & & & & & & & & & & &$	Voltage - Input Offset	$100\mu V$
Voltage - Supply, Single/Dual (\pm) 1.8 V ~ 6 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Current - Supply	500μΑ
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Current - Output / Channel	80mA
Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Voltage - Supply, Single/Dual (±)	1.8 V ~ 6 V
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Operating Temperature	-40°C ~ 125°C
	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 errors's		Report errors?

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Service Guarantees

We guarantee 100% customer satisfaction.

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TS1872AIST Shipping Methods













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