



TSV854AIYPT Information



For Reference Only

Part Number TSV854AIYPT

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 1.3MHZ RRO 14TSSOP **Package** 14-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









TSV854AIYPT Specifications

Manufacturer Part Number TSV854AIYPT Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 14-TSSOP (0.173", 4.40mm Width) Series Automotive, AEC-Q100 Amplifier Type General Purpose Number of Circuits 4 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 800μV 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 14-TSSOP (0.173", 4.40mm Width)		
Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 14-TSSOP (0.173", 4.40mm Width) Series Automotive, AEC-Q100 Amplifier Type General Purpose Number of Circuits 4 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 800μV 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	Manufacturer Part Number	TSV854AIYPT
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Manufacturer	STMicroelectronics
Package 14-TSSOP (0.173", 4.40mm Width)SeriesAutomotive, AEC-Q100Amplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate 0.7 V/µs Gain Bandwidth Product 1.3MHz -3db Bandwidth-Current - Input Bias 27nA Voltage - Input Offset $800\mu\text{V}$ 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 Mount	Category	Integrated Circuits (ICs)
Series Automotive, AEC-Q100 Amplifier Type General Purpose Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 0.7 V/ μ s Gain Bandwidth Product 1.3MHz -3db Bandwidth - Current - Input Bias 27nA Voltage - Input Offset 800 μ V Current - Supply 130 μ A Current - Output / Channel 70mA Voltage - Supply, Single/Dual (\pm) 2.5 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 4 Output Type Rail-to-Rail Slew Rate 0.7 V/ μ s Gain Bandwidth Product 1.3MHz -3db Bandwidth - Current - Input Bias 27nA Voltage - Input Offset 800 μ V Current - Supply 130 μ A Current - Output / Channel 70mA Voltage - Supply, Single/Dual (\pm) 2.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Package	14-TSSOP (0.173", 4.40mm Width)
Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 0.7 V/ μ s Gain Bandwidth Product 1.3MHz -3db Bandwidth - Current - Input Bias 27nA Voltage - Input Offset 800 μ V Current - Supply 130 μ A Current - Output / Channel 70mA Voltage - Supply, Single/Dual (\pm) 2.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Series	Automotive, AEC-Q100
Output Type Rail-to-Rail Slew Rate 0.7 V/ μ s Gain Bandwidth Product 1.3MHz -3db Bandwidth - Current - Input Bias 27nA Voltage - Input Offset 800 μ V Current - Supply 130 μ A Current - Output / Channel 70mA Voltage - Supply, Single/Dual (\pm) 2.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Amplifier Type	General Purpose
Slew Rate 0.7 V/ μ s Gain Bandwidth Product 1.3MHz -3db Bandwidth - Current - Input Bias 27nA Voltage - Input Offset 800 μ V Current - Supply 130 μ A Current - Output / Channel 70mA Voltage - Supply, Single/Dual (\pm) 2.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Number of Circuits	4
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	Rail-to-Rail
$-3db \ Bandwidth \\ -Current - Input \ Bias \\ Voltage - Input \ Offset \\ 800 \mu V \\ Current - Supply \\ 130 \mu A \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 2.5 \ V \sim 5.5 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount$	Slew Rate	0.7 V/μs
Current - Input Bias $27nA$ Voltage - Input Offset $800\mu V$ Current - Supply $130\mu A$ Current - Output / Channel $70mA$ Voltage - Supply, Single/Dual (\pm) $2.5\ V \sim 5.5\ V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount	Gain Bandwidth Product	1.3MHz
$Voltage - Input Offset \\ 800 \mu V \\ Current - Supply \\ 130 \mu A \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 2.5 \ V \sim 5.5 \ V \\ Operating Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting Type \\ Surface Mount$	-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 Type Surface Mount	Current - Input Bias	27nA
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 Mount	Voltage - Input Offset	$800\mu V$
Voltage - Supply, Single/Dual (\pm) 2.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Current - Supply	130μΑ
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Current - Output / Channel	70mA
Mounting Type Surface Mount	Voltage - Supply, Single/Dual (±)	2.5 V ~ 5.5 V
	Operating Temperature	-40°C ~ 125°C
Package / Case 14-TSSOP (0.173" 4.40mm Width)	Mounting Type	Surface Mount
17 10001 (0.175, 7.7011111 Width)	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Supplier Device Package 14-TSSOP	Supplier Device Package	14-TSSOP
Report error		Report errors?

TSV854AIYPT 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.

TSV854AIYPT Payment Methods



















TSV854AIYPT Shipping Methods













If you have any question about TSV854AIYPT, please do not hesitate to contact us!

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