



MAX4489AUA Information



For Reference Only

Part Number MAX4489AUA

Manufacturer Maxim Integrated

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

DescriptionIC OPAMP GP 42MHZ RRO 8UMAX**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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MAX4489AUA Specifications

Manufacturer Part NumberMAX4489AUAManufacturerMaxim IntegratedCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate10 V/μsGain Bandwidth Product42MHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset70μVCurrent - Output / Channel48mAVoltage - Supply, Single/Dual (±)2.7 V ~ 5.5 V, ±1.35 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX		
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Slew Rate $10 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 42MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset $70\mu\text{V}$ Current - Supply 2.5mA Current - Output / Channel 48mA Voltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 5.5 \text{ V}, \pm 1.35 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8-\text{TSSOP}, 8-\text{MSOP} (0.118", 3.00\text{mm Width})$ Supplier Device Package $8-\text{uMAX}$	Number of Circuits	2
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 70µV Current - Supply 2.5mA Current - Output / Channel 48mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V, ±1.35 V ~ 2.75 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	Output Type	Rail-to-Rail
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	10 V/μs
Current - Input Bias 1pA Voltage - Input Offset 70 μ V Current - Supply 2.5mA Current - Output / Channel 48mA Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 5.5 V, \pm 1.35 V ~ 2.75 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-uMAX	Gain Bandwidth Product	42MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply 2.5mA Current - Output / Channel 48mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V, ±1.35 V ~ 2.75 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-uMAX	Current - Input Bias	1pA
Current - Output / Channel $48mA$ Voltage - Supply, Single/Dual (±) $2.7 \text{ V} \sim 5.5 \text{ V}, \pm 1.35 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Voltage - Input Offset	$70\mu V$
Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 5.5 V, \pm 1.35 V ~ 2.75 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-uMAX	Current - Supply	2.5mA
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-uMAX	Current - Output / Channel	48mA
Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-uMAX	Voltage - Supply, Single/Dual (±)	2.7 V ~ 5.5 V, ±1.35 V ~ 2.75 V
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	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Report errors?	Supplier Device Package	8-uMAX
		Report errors?

MAX4489AUA 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.

MAX4489AUA Payment Methods



















MAX4489AUA Shipping Methods













If you have any question about MAX4489AUA, please do not hesitate to contact us!

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