



### **MAX4489AUA Information**



For Reference Only

Part Number MAX4489AUA

Manufacturer Maxim Integrated

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description**IC 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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# **Certified Quality**

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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		
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         10 V/µs           Gain Bandwidth Product         42MHz           -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         8-uMAX	Manufacturer Part Number	MAX4489AUA
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Series - General Purpose   Number of Circuits		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate $10 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $42\text{MHz}$ -3db Bandwidth-Current - Input Bias $1\text{pA}$ Voltage - Input Offset $70\mu\text{V}$ Current - Supply $2.5\text{mA}$ Current - Output / Channel $48\text{mA}$ 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 TypeSurface MountPackage / Case $8-\text{TSSOP}, 8-\text{MSOP} (0.118", 3.00\text{mm Width})$ Supplier Device Package $8-\text{uMAX}$	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
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Output Type Rail-to-Rail Slew Rate 10 V/ $\mu$ s  Gain Bandwidth Product 42MHz  -3db Bandwidth - Current - Input Bias 1pA  Voltage - Input Offset 70 $\mu$ 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	Amplifier Type	General Purpose
Slew Rate $10 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $42\text{MHz}$ -3db Bandwidth -  Current - Input Bias $1\text{pA}$ Voltage - Input Offset $70\mu\text{V}$ Current - Supply $2.5\text{mA}$ Current - Output / Channel $48\text{mA}$ 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 $\mu$ 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
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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
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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
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Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-uMAX	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 8-uMAX	Mounting Type	Surface Mount
	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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