

MAX4488AUT#TG16

MAX4488AUT#TG16 Information



For Reference Only

Part Number MAX4488AUT#TG16
Manufacturer Maxim Integrated
Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 42MHZ RRO SOT23-6

Package SOT-23-6

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.









MAX4488AUT#TG16 Specifications

Manufacturer Part Number MAX4488AUT#TG16 Manufacturer Maxim Integrated Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package SOT-23-6 Series - Amplifier Type General Purpose Number of Circuits 1 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 SOT-23-6 Supplier Device Package SOT-23-6		
Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps SoT-23-6 Series - Amplifier Type General Purpose Number of Circuits 1 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 SOT-23-6 Supplier Device Package SOT-23-6 Supplier Device Pac	Manufacturer Part Number	MAX4488AUT#TG16
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package SOT-23-6 Series - Amplifier Type General Purpose Number of Circuits 1 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 SOT-23-6 Supplier Device Package SOT-23-6	Manufacturer	Maxim Integrated
Package SOT-23-6 Series - Amplifier Type General Purpose Number of Circuits 1 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 SOT-23-6 Supplier Device Package SOT-23-6	Category	Integrated Circuits (ICs)
Series - Amplifier Type General Purpose Number of Circuits 1 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 SOT-23-6 Supplier Device Package SOT-23-6		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits1Output TypeRail-to-RailSlew Rate10 V/μsGain Bandwidth Product42MHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset70μVCurrent - Supply2.5mACurrent - Output / Channel48mAVoltage - Supply, Single/Dual (±)2.7 V ~ 5.5 V, ±1.35 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageSOT-23-6	Package	SOT-23-6
Number of Circuits 1 Output Type Rail-to-Rail Slew Rate 10 V/ μ s Gain Bandwidth Product 42MHz -3db Bandwidth - 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 SOT-23-6 Supplier Device Package SOT-23-6	Series	-
Output Type Rail-to-Rail Slew Rate 10 V/ μ s Gain Bandwidth Product 42MHz -3db Bandwidth - 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 SOT-23-6 Supplier Device Package SOT-23-6	Amplifier Type	General Purpose
Slew Rate 10 V/ μ s 42MHz 42M	Number of Circuits	1
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) $2.7 \ V \sim 5.5 \ V, \pm 1.35 \ V \sim 2.75 \ V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Output Type	Rail-to-Rail
$-3db \ Bandwidth \\ -Current - Input \ Bias \\ Voltage - Input \ Offset \\ Current - Supply \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 2.7 \ V \sim 5.5 \ V, \pm 1.35 \ V \sim 2.75 \ V \\ Operating \ Temperature \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ Supplier \ Device \ Package \\ SOT-23-6 \\ Supplier \ Device \ Package \\ SOT-23-6 \\$	Slew Rate	$10 \text{ V/}\mu\text{s}$
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 SOT-23-6 Supplier Device Package SOT-23-6	Gain Bandwidth Product	42MHz
Voltage - Input Offset $70\mu V$ 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 SOT-23-6 Supplier Device Package SOT-23-6	-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 SOT-23-6 Supplier Device Package SOT-23-6	Current - Input Bias	1pA
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 SOT-23-6 Supplier Device Package SOT-23-6	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 SOT-23-6 Supplier Device Package SOT-23-6	Current - Supply	2.5mA
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Current - Output / Channel	48mA
Mounting Type Surface Mount Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Voltage - Supply, Single/Dual (±)	2.7 V ~ 5.5 V, ±1.35 V ~ 2.75 V
Package / Case SOT-23-6 Supplier Device Package SOT-23-6	Operating Temperature	-40°C ~ 125°C
Supplier Device Package SOT-23-6	Mounting Type	Surface Mount
	Package / Case	SOT-23-6
D	Supplier Device Package	SOT-23-6
Report errors		Report errors?

MAX4488AUT#TG16 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.

MAX4488AUT#TG16 Payment Methods





















MAX4488AUT#TG16 Shipping Methods













If you have any question about MAX4488AUT#TG16, please do not hesitate to contact us!

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