

OPA637AU Information



For Reference Only

Part Number OPA637AU

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 80MHZ 8SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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OPA637AU Specifications

Manufacturer Part Number OPA637AU Manufacturer Texas Instruments Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series Difet? Amplifier Type General Purpose Number of Circuits 1 Output Type - Slew Rate 135 V/μs Gain Bandwidth Product 80MHz -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset 130μV Current - Supply 7mA Current - Output / Channel 45mA Voltage - Supply, Single/Dual (±) 9 V ~ 36 V, ±4.5 V ~ 18 V Operating Temperature -25°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	-	
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Output Type - Slew Rate 135 V/μs Gain Bandwidth Product 80MHz -3db Bandwidth - Current - Input Bias 2pA Voltage - Input Offset 130μV Current - Supply 7mA Current - Output / Channel 45mA Voltage - Supply, Single/Dual (±) 9 V ~ 36 V, ±4.5 V ~ 18 V Operating Temperature -25°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Amplifier Type	General Purpose
Slew Rate $135 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 80MHz -3db Bandwidth $- \text{Current - Input Bias}$ 2pA $Voltage - Input Offset$ $130 \mu \text{V}$ Current - Supply 7mA $\text{Current - Output / Channel}$ 45mA $Voltage - Supply, Single/Dual (±)$ $9 \text{ V} \sim 36 \text{ V}, \pm 4.5 \text{ V} \sim 18 \text{ V}$ $Operating Temperature$ $-25 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C}$ $Mounting Type$ $Surface Mount$ $Package / Case$ $8-SOIC (0.154", 3.90 \text{mm Width})$	Number of Circuits	1
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	135 V/μs
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	80MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply 7mA Current - Output / Channel 45mA Voltage - Supply, Single/Dual (±) 9 V ~ 36 V, ±4.5 V ~ 18 V Operating Temperature -25°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Input Bias	2pA
Current - Output / Channel 45mA Voltage - Supply, Single/Dual (\pm) 9 V ~ 36 V, \pm 4.5 V ~ 18 V Operating Temperature -25°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Input Offset	130μV
Voltage - Supply, Single/Dual (\pm) 9 V ~ 36 V, \pm 4.5 V ~ 18 V Operating Temperature -25°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Supply	7mA
Operating Temperature $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Output / Channel	45mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Supply, Single/Dual (±)	9 V ~ 36 V, ±4.5 V ~ 18 V
Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-25°C ~ 85°C
	Mounting Type	Surface Mount
Supplier Device Package 8-SOIC	Package / Case	8-SOIC (0.154", 3.90mm Width)
	Supplier Device Package	8-SOIC
Report errors		Report errors?

OPA637AU Guarantees



Quality Guarantees

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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.

OPA637AU Payment Methods



















OPA637AU Shipping Methods













If you have any question about OPA637AU, please do not hesitate to contact us!

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