

## **LM258N Information**



For Reference Only

Part Number LM258N

Manufacturer Fairchild/ON Semiconductor
Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 8DIP **Package** 8-DIP (0.300", 7.62mm)

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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# **LM258N Specifications**

Manufacturer Part Number       LM258N         Manufacturer       Fairchild/ON Semiconductor         Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       8-DIP (0.300", 7.62mm)         Series       -         Amplifier Type       General Purpose         Number of Circuits       2         Output Type       -         Slew Rate       0.3 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       -         Current - Input Bias       45nA         Voltage - Input Offset       2.9mV         Current - Output / Channel       30mA         Voltage - Supply, Single/Dual (±)       3 V ~ 32 V, ±1.5 V ~ 16 V         Operating Temperature       -25°C ~ 85°C		
Category  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Package  8-DIP (0.300", 7.62mm)  Series  - Amplifier Type  General Purpose  Number of Circuits  2 Output Type  - Slew Rate  0.3 V/µs  Gain Bandwidth Product 3db Bandwidth  - Current - Input Bias  Voltage - Input Offset  2.9mV  Current - Supply  800µA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  3 V ~ 32 V, ±1.5 V ~ 16 V  Operating Temperature  -25°C ~ 85°C	Manufacturer Part Number	LM258N
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Output Type - Slew Rate 0.3 V/ $\mu$ s Gain Bandwidth Product	Amplifier Type	General Purpose
Slew Rate 0.3 V/ $\mu$ s  Gain Bandwidth Product3db Bandwidth - Current - Input Bias 45nA  Voltage - Input Offset 2.9mV  Current - Supply 800 $\mu$ A  Current - Output / Channel 30mA  Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 32 V, $\pm$ 1.5 V ~ 16 V  Operating Temperature -25°C ~ 85°C	Number of Circuits	2
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	0.3 V/μs
Current - Input Bias $45nA$ Voltage - Input Offset $2.9mV$ Current - Supply $800\mu A$ Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 V \sim 32 V, \pm 1.5 V \sim 16 V$ Operating Temperature $-25^{\circ}C \sim 85^{\circ}C$	Gain Bandwidth Product	-
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $800\mu A$ Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 \ V \sim 32 \ V, \pm 1.5 \ V \sim 16 \ V$ Operating Temperature $-25^{\circ}C \sim 85^{\circ}C$	Current - Input Bias	45nA
Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual (±) $3 V \sim 32 V$ , $\pm 1.5 V \sim 16 V$ Operating Temperature $-25^{\circ}C \sim 85^{\circ}C$	Voltage - Input Offset	2.9mV
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	Voltage - Supply, Single/Dual (±)	3 V ~ 32 V, ±1.5 V ~ 16 V
M .' T	Operating Temperature	-25°C ~ 85°C
Mounting Type Through Hole	Mounting Type	Through Hole
Package / Case 8-DIP (0.300", 7.62mm)	Package / Case	8-DIP (0.300", 7.62mm)
Supplier Device Package 8-DIP	Supplier Device Package	8-DIP
Report error		Report errors?

## **LM258N 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.

# **LM258N Payment Methods**





















## **LM258N Shipping Methods**













If you have any question about LM258N, please do not hesitate to contact us!

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