

## **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

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# **Certified Quality**

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# **LM258N Specifications**

Manufacturer Part NumberLM258NManufacturerFairchild/ON SemiconductorCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-DIP (0.300", 7.62mm)Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output Type-Slew Rate0.3 V/μsGain Bandwidth Product3db Bandwidth-Current - Input Bias45nAVoltage - Input Offset2.9mVCurrent - Supply800μACurrent - Output / Channel30mAVoltage - Supply, Single/Dual (±)3 V ~ 32 V, ±1.5 V ~ 16 V		
Category  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  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 Product3db Bandwidth - Current - Input Bias 45nA  Voltage - Input Offset 2.9mV  Current - Supply 800µA  Current - Output / Channel Voltage - Supply, Single/Dual (±) 3 V ~ 32 V, ±1.5 V ~ 16 V	Manufacturer Part Number	LM258N
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 - Supply       800μA         Current - Output / Channel       30mA         Voltage - Supply, Single/Dual (±)       3 V ~ 32 V, ±1.5 V ~ 16 V	Manufacturer	Fairchild/ON Semiconductor
Package 8-DIP $(0.300", 7.62mm)$ Series - Amplifier Type General Purpose Number of Circuits 2 Output Type - 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 Voltage - Supply, Single/Dual $(\pm)$ 3 V ~ 32 V, $\pm$ 1.5 V ~ 16 V	Category	Integrated Circuits (ICs)
Series - Amplifier Type General Purpose  Number of Circuits 2  Output Type - Slew Rate 0.3 V/μs  Gain Bandwidth Product		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type General Purpose  Number of Circuits 2  Output Type - 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	Package	8-DIP (0.300", 7.62mm)
Number of Circuits 2 Output Type - 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	Series	-
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 (±) 3 V ~ 32 V, ±1.5 V ~ 16 V	Number of Circuits	2
	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 ( $\pm$ ) $3 V \sim 32 V$ , $\pm 1.5 V \sim 16 V$	Gain Bandwidth Product	-
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $800\mu A$ Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 \ V \sim 32 \ V, \pm 1.5 \ V \sim 16 \ V$	Current - Input Bias	45nA
Current - Output / Channel $30\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $3\text{ V} \sim 32\text{ V}, \pm 1.5\text{ V} \sim 16\text{ V}$	Voltage - Input Offset	2.9mV
Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 32 V, $\pm$ 1.5 V ~ 16 V	Current - Supply	800μΑ
	Current - Output / Channel	30mA
	Voltage - Supply, Single/Dual (±)	3 V ~ 32 V, ±1.5 V ~ 16 V
Operating Temperature $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$	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 erro		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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