



LM258DE4 Information



For Reference Only

Part Number LM258DE4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 700KHZ 8SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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LM258DE4 Specifications

| Manufacturer Part Number Manufacturer Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type General Purpose Number of Circuits 2 Output Type Slew Rate Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset 3 mV Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature -25°C ~ 85°C Mounting Type Instrumentation, OP Amps, Buffer Amps Buffer Amps 8-SOIC (0.154", 3.90mm Width) - Cannel Output Amps - Curent - Output Josepha Supply Surface Mount | - | |
|--|-----------------------------------|---|
| CategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output Type-Slew Rate0.3 V/μsGain Bandwidth Product700kHz-3db Bandwidth-Current - Input Bias20nAVoltage - Input Offset3mVCurrent - Supply1mACurrent - Output / Channel30mAVoltage - Supply, Single/Dual (±)3 V ~ 32 V, ±1.5 V ~ 16 VOperating Temperature-25°C ~ 85°C | Manufacturer Part Number | LM258DE4 |
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| Series - Amplifier Type General Purpose Number of Circuits 2 Output Type - Slew Rate 0.3 V/μs Gain Bandwidth Product 700kHz -3db Bandwidth - Current - Input Bias 20nA Voltage - Input Offset 3mV Current - Supply 1mA Current - Output / Channel 30mA Voltage - Supply, Single/Dual (±) 3 V ~ 32 V, ±1.5 V ~ 16 V Operating Temperature -25°C ~ 85°C | | Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps |
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| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | Series | - |
| Output Type - Slew Rate 0.3 V/ μ s Gain Bandwidth Product 700kHz -3db Bandwidth - Current - Input Bias 20nA Voltage - Input Offset 3mV Current - Supply 1mA 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 | Amplifier Type | General Purpose |
| Slew Rate 0.3 V/ μ s Gain Bandwidth Product 700kHz -3db Bandwidth - Current - Input Bias 20nA Voltage - Input Offset 3mV Current - Supply 1mA Current - Output / Channel 30mA Voltage - Supply, Single/Dual (±) 3 V ~ 32 V, ±1.5 V ~ 16 V Operating Temperature -25°C ~ 85°C | Number of Circuits | 2 |
| Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset Current - Supply 1mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature 700kHz - | Output Type | - |
| $ \begin{array}{llllllllllllllllllllllllllllllllllll$ | Slew Rate | 0.3 V/μs |
| Current - Input Bias $20nA$ Voltage - Input Offset $3mV$ Current - Supply $1mA$ 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 | 700kHz |
| $\begin{tabular}{lllllllllllllllllllllllllllllllllll$ | -3db Bandwidth | - |
| Current - Supply $1mA$ Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual (\pm) $3 \text{ V} \sim 32 \text{ V}, \pm 1.5 \text{ V} \sim 16 \text{ V}$ Operating Temperature $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ | Current - Input Bias | 20nA |
| Current - Output / Channel 30mA Voltage - Supply, Single/Dual (\pm) $3 \text{ V} \sim 32 \text{ V}, \pm 1.5 \text{ V} \sim 16 \text{ V}$ Operating Temperature $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ | Voltage - Input Offset | 3mV |
| Voltage - Supply, Single/Dual (\pm) 3 V ~ 32 V, \pm 1.5 V ~ 16 V Operating Temperature -25°C ~ 85°C | Current - Supply | 1mA |
| Operating Temperature $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ | Current - Output / Channel | 30mA |
| | Voltage - Supply, Single/Dual (±) | 3 V ~ 32 V, ±1.5 V ~ 16 V |
| Mounting Type Surface Mount | Operating Temperature | -25°C ~ 85°C |
| | Mounting Type | Surface Mount |
| Package / Case 8-SOIC (0.154", 3.90mm Width) | Package / Case | 8-SOIC (0.154", 3.90mm Width) |
| Supplier Device Package 8-SOIC | Supplier Device Package | 8-SOIC |
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LM258DE4 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.

LM258DE4 Payment Methods



















LM258DE4 Shipping Methods













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