

#### **LM348N Information**



For Reference Only

Part Number LM348N

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 1MHZ 14DIP **Package** 14-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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## **LM348N Specifications**

| Manufacturer Part Number         LM348N           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         -           Slew Rate         0.5 V/μs           Gain Bandwidth Product         1MHz           -3db Bandwidth         -           Current - Input Bias         30nA           Voltage - Input Offset         1mV           Current - Supply         4.5mA           Current - Output / Channel         25mA           Voltage - Supply, Single/Dual (±)         -           Operating Temperature         0°C ~ 70°C           Mounting Type         Through Hole           Package / Case         14-DIP (0.300", 7.62mm)           Supplier Device Package         14-DIP |                                   |   |
|---|-----------------------------------|---|
| Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         -           Slew Rate         0.5 V/μs           Gain Bandwidth Product         1MHz           -3db Bandwidth         -           Current - Input Bias         30nA           Voltage - Input Offset         1mV           Current - Supply         4.5mA           Current - Output / Channel         25mA           Voltage - Supply, Single/Dual (±)         -           Operating Temperature         0°C ~ 70°C           Mounting Type         Through Hole           Package / Case         14-DIP (0.300", 7.62mm)           Supplier Device Package         14-DIP   | Manufacturer Part Number          | LM348N  |
| Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Package  14-DIP (0.300", 7.62mm)  Series  - Amplifier Type General Purpose  Number of Circuits  4 Output Type - Slew Rate 0.5 V/µs  Gain Bandwidth Product 1MHz -3db Bandwidth - Current - Input Bias 30nA  Voltage - Input Offset 1mV  Current - Supply 4.5mA  Current - Output / Channel 25mA  Voltage - Supply, Single/Dual (±) Operating Temperature 0°C ~ 70°C  Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-DIP   | Manufacturer                      | ON Semiconductor  |
| Package         14-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         -           Slew Rate         0.5 V/μs           Gain Bandwidth Product         1MHz           -3db Bandwidth         -           Current - Input Bias         30nA           Voltage - Input Offset         1mV           Current - Supply         4.5mA           Current - Output / Channel         25mA           Voltage - Supply, Single/Dual (±)         -           Operating Temperature         0°C ~ 70°C           Mounting Type         Through Hole           Package / Case         14-DIP (0.300", 7.62mm)           Supplier Device Package         14-DIP  | Category                          | Integrated Circuits (ICs)                                   |
| Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         -           Slew Rate         0.5 V/μs           Gain Bandwidth Product         1MHz           -3db Bandwidth         -           Current - Input Bias         30nA           Voltage - Input Offset         1mV           Current - Supply         4.5mA           Current - Output / Channel         25mA           Voltage - Supply, Single/Dual (±)         -           Operating Temperature         0°C ~ 70°C           Mounting Type         Through Hole           Package / Case         14-DIP (0.300", 7.62mm)           Supplier Device Package         14-DIP  |                                   | Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps |
| Amplifier Type  Number of Circuits  4  Output Type  - Slew Rate  0.5 V/µs  Gain Bandwidth Product -3db Bandwidth - Current - Input Bias  Voltage - Input Offset  ImV  Current - Supply  4.5mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  0°C ~ 70°C  Mounting Type  Through Hole  Package / Case  14-DIP (0.300", 7.62mm)  Supplier Device Package  | Package                           | 14-DIP (0.300", 7.62mm)                                     |
| Number of Circuits  Output Type  - Slew Rate  0.5 V/µs  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  Voltage - Input Offset  ImV  Current - Supply  4.5mA  Current - Output / Channel  25mA  Voltage - Supply, Single/Dual (±)  Operating Temperature  0°C ~ 70°C  Mounting Type  Through Hole  Package / Case  14-DIP (0.300", 7.62mm)  Supplier Device Package   | Series                            | -   |
| Output Type  Slew Rate  0.5 V/µs  Gain Bandwidth Product  1MHz  -3db Bandwidth  - Current - Input Bias  30nA  Voltage - Input Offset  1mV  Current - Supply  4.5mA  Current - Output / Channel  25mA  Voltage - Supply, Single/Dual (±)  Operating Temperature  0°C ~ 70°C  Mounting Type  Through Hole  Package / Case  14-DIP (0.300", 7.62mm)  Supplier Device Package   | Amplifier Type                    | General Purpose   |
| Slew Rate0.5 V/μsGain Bandwidth Product1MHz-3db Bandwidth-Current - Input Bias30nAVoltage - Input Offset1mVCurrent - Supply4.5mACurrent - Output / Channel25mAVoltage - Supply, Single/Dual (±)-Operating Temperature0°C ~ 70°CMounting TypeThrough HolePackage / Case14-DIP (0.300", 7.62mm)Supplier Device Package14-DIP  | Number of Circuits                | 4   |
| Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  Voltage - Input Offset  1mV  Current - Supply  4.5mA  Current - Output / Channel  25mA  Voltage - Supply, Single/Dual (±)  Operating Temperature  0°C ~ 70°C  Mounting Type  Through Hole  Package / Case  14-DIP (0.300", 7.62mm)  Supplier Device Package   | Output Type                       | -   |
| -3db Bandwidth - Current - Input Bias 30nA  Voltage - Input Offset 1mV  Current - Supply 4.5mA  Current - Output / Channel 25mA  Voltage - Supply, Single/Dual (±) - Operating Temperature 0°C ~ 70°C  Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-DIP   | Slew Rate                         | 0.5 V/μs  |
| Current - Input Bias  Voltage - Input Offset  ImV  Current - Supply  4.5mA  Current - Output / Channel  25mA  Voltage - Supply, Single/Dual (±)  Operating Temperature  0°C ~ 70°C  Mounting Type  Through Hole  Package / Case  14-DIP (0.300", 7.62mm)  Supplier Device Package   | Gain Bandwidth Product            | 1MHz  |
| Voltage - Input Offset  Current - Supply  4.5mA  Current - Output / Channel  25mA  Voltage - Supply, Single/Dual (±)  Operating Temperature  0°C ~ 70°C  Mounting Type  Through Hole  Package / Case  14-DIP (0.300", 7.62mm)  Supplier Device Package  | -3db Bandwidth                    | -   |
| Current - Supply 4.5mA  Current - Output / Channel 25mA  Voltage - Supply, Single/Dual (±) - Operating Temperature 0°C ~ 70°C  Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-DIP   | Current - Input Bias              | 30nA  |
| Current - Output / Channel 25mA  Voltage - Supply, Single/Dual (±) - Operating Temperature 0°C ~ 70°C  Mounting Type Through Hole  Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-DIP   | Voltage - Input Offset            | 1mV   |
| Voltage - Supply, Single/Dual (±)  Operating Temperature  0°C ~ 70°C  Mounting Type  Through Hole  Package / Case  14-DIP (0.300", 7.62mm)  Supplier Device Package   | Current - Supply                  | 4.5mA   |
| Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting TypeThrough HolePackage / Case14-DIP $(0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package14-DIP  | Current - Output / Channel        | 25mA  |
| Mounting Type Through Hole Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 14-DIP  | Voltage - Supply, Single/Dual (±) | -   |
| Package / Case 14-DIP (0.300", 7.62mm)  Supplier Device Package 14-DIP  | Operating Temperature             | 0°C ~ 70°C  |
| Supplier Device Package 14-DIP  | Mounting Type                     | Through Hole  |
|   | Package / Case                    | 14-DIP (0.300", 7.62mm)                                     |
| Report errors?  | Supplier Device Package           | 14-DIP  |
|   |                                   | Report errors?  |

#### **LM348N 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.

# **LM348N Payment Methods**





















## **LM348N Shipping Methods**













If you have any question about LM348N, please do not hesitate to contact us!

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