

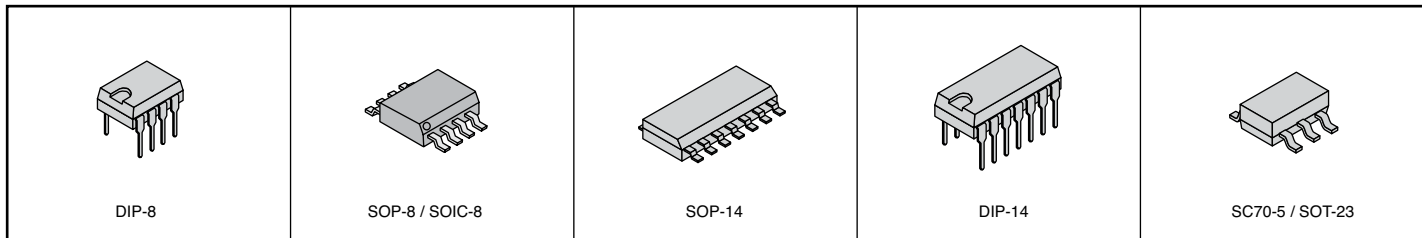
FAIRCHILD Operational Amplifiers

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FAIRCHILD
SEMICONDUCTOR

Amplifier ICs

Fairchild Semiconductor



FAIRCHILD STANDARD OPERATIONAL AMPS
SEMICONDUCTOR

◆ Surface Mount Device

For quantities of 500 and up, call for quote.

| MOUSER STOCK NO. | Fairchild Part No. | Package | No. of Amps | Supply Voltage (VCC)+/- | Input Offset Volt. Max. | Input Offset Curr. Max. | Input Bias Curr. Max. | Supply Current Typ. | Volt. Gain Typical | Output Volt. Swing Typical | | Slew Rate (V/μs) | Price Each | | | |
|------------------|--------------------|---------|-------------|-------------------------|-------------------------|-------------------------|-----------------------|---------------------|--------------------|----------------------------|---------|------------------|------------|----|-----|-----|
| | | | | | | | | | | (VoL) | (VoH) | | 1 | 25 | 100 | 250 |
| 512-KA258 | KA258 | DIP-8 | 2 | 16/32V | 5mV | 30nA | 150nA | 0.5mA | 100V/mV | 5mV | 28000mV | - | | | | |
| 512-KA324A | KA324A | DIP-14 | 4 | 16/32V | 7mV | 50nA | 250nA | 0.7mA | 100V/mV | 5mV | 28000mV | - | | | | |
| ◆512-KA324ADTF | KA324ADTF | SOP-14 | 4 | 16/32V | 3mV | 30nA | 100nA | 1.5mA | 100V/mV | 5mV | 28000mV | - | | | | |
| 512-KA358A | KA358A | DIP-8 | 2 | 16/32V | 3mV | 30nA | 100nA | 0.8mA | 100V/mV | 5mV | 28000mV | - | | | | |
| ◆512-KA358ADTF | KA358ADTF | SOP-8 | 2 | 16/32V | 7mV | 50nA | 250nA | 0.8mA | 100V/mV | 5mV | 28000mV | - | | | | |
| 512-KA4558 | KA4558 | DIP-8 | 2 | 22V | 6mV | 200nA | 500nA | 3.5mA | 200V/mV | - | 14000mV | 1.2 | | | | |
| ◆512-KA4558DTF | KA4558DTF | SOIC-8 | 2 | 22V | 6mV | 200nA | 500nA | 3.5mA | 200V/mV | - | 14000mV | 1.2 | | | | |
| 512-KA5532 | KA5532 | DIP-8 | 2 | 22V | 4mV | 150nA | 800nA | 6mA | 2.2V/mV | - | - | 8 | | | | |
| 512-L272AM | L272AM | DIP-8 | 2 | 40V | 60mV | 250nA | 2500nA | 7.5mA | - | - | 23000mV | 1 | | | | |
| 512-L272M | L272M | DIP-8 | 2 | 40V | 60mV | 250nA | 2500nA | 7.5mA | - | - | 23000mV | 1 | | | | |
| ◆512-LF347M | LF347M | SOP-14 | 4 | 18V | 10mV | 0.1nA | 0.2nA | 7.2mA | 100V/mV | - | - | 13 | | | | |
| ◆512-LF347MX | LF347MX | SOP-14 | 4 | 18V | 10mV | 0.1nA | 0.05nA | 7.2mA | 100V/mV | - | 13500mV | 13 | | | | |
| ◆512-LF353MX | LF353MX | SOIC-8 | 2 | 18V | 10mV | 0.1nA | 0.2nA | 3.6mA | 100V/mV | - | - | 13 | | | | |
| 512-LF353N | LF353N | DIP-8 | 2 | 18V | 10mV | 0.1nA | 0.2nA | 3.6mA | 100V/mV | - | - | 13 | | | | |
| ◆512-LM1458CMX | LM1458CMX | SOIC-8 | 2 | 18V | 10mV | 300nA | 700nA | 2.3mA | 200V/mV | - | 14000mV | 0.5 | | | | |
| ◆512-LM224M | LM224M | SOP-14 | 4 | 16/32V | 5mV | 30nA | 150nA | 0.7mA | 100V/mV | 5mV | 28mV | - | | | | |
| 512-LM224N | LM224N | DIP-14 | 4 | 16/32V | 5mV | 30nA | 150nA | 0.7mA | 100V/mV | 5mV | 28mV | - | | | | |
| ◆512-LM258AM | LM258AM | SOP-8 | 2 | 16/32V | 5mV | 30nA | 150nA | 0.8mA | 100V/mV | 5mV | 28mV | - | | | | |
| 512-LM258N | LM258N | DIP-8 | 2 | 16/32V | 5mV | 30nA | 150nA | 0.8mA | 100V/mV | 5mV | 28000mV | - | | | | |
| ◆512-LM2902M | LM2902M | SOP-14 | 4 | 13/26V | 7mV | 50nA | 250nA | 1mA | 100V/mV | 5mV | 24mV | - | | | | |
| ◆512-LM2902MX | LM2902MX | SOP-14 | 4 | 13/26V | 7mV | 50nA | 250nA | 0.7mA | 100V/mV | 5mV | 24000mV | - | | | | |
| 512-LM2902N | LM2902N | DIP-14 | 4 | 13/26V | 7mV | 50nA | 250nA | 0.7mA | 100V/mV | 5mV | 24000mV | - | | | | |
| ◆512-LM2904M | LM2904M | SOP-8 | 2 | 13/26V | 7mV | 50nA | 250nA | 0.8mA | 100V/mV | 5mV | 24mV | - | | | | |
| ◆512-LM2904MX | LM2904MX | SOP-8 | 2 | 13/26V | 7mV | 50nA | 250nA | 0.8mA | 100V/mV | 5mV | 24mV | - | | | | |
| 512-LM2904N | LM2904N | DIP-8 | 2 | 13/26V | 7mV | 50nA | 250nA | 0.5mA | 100V/mV | 5mV | 24000mV | - | | | | |
| ◆512-LM324AM | LM324AM | SOP-14 | 4 | 16/32V | 7mV | 50nA | 250nA | 1mA | 100V/mV | 5mV | 28mV | - | | | | |
| ◆512-LM324AMX | LM324AMX | SOP-14 | 4 | 16/32V | 7mV | 50nA | 250nA | 1mA | 100V/mV | 5mV | 28mV | - | | | | |
| 512-LM324AN | LM324AN | DIP-14 | 4 | 16/32V | 3mV | 30nA | 100nA | 0.7mA | 100V/mV | 5mV | 28000mV | - | | | | |
| ◆512-LM324M | LM324M | SOP-14 | 4 | 16/32V | 7mV | 50nA | 250nA | 1mA | 100V/mV | 5mV | 28mV | - | | | | |
| ◆512-LM324MX | LM324MX | SOP-14 | 4 | 16/32V | 7mV | 50nA | 250nA | 0.7mA | 100V/mV | 5mV | 28000mV | - | | | | |
| 512-LM324N | LM324N | DIP-14 | 4 | 16/32V | 7mV | 50nA | 250nA | 0.7mA | 100V/mV | 5mV | 28000mV | - | | | | |
| ◆512-LM358AM | LM358AM | SOP-8 | 2 | 16/32V | 7mV | 50nA | 250nA | 0.8mA | 100V/mV | 5mV | 28mV | - | | | | |
| ◆512-LM358AMX | LM358AMX | SOIC-8 | 2 | 16/32V | 3mV | 30nA | 100nA | 0.5mA | 100V/mV | 5mV | 28000mV | - | | | | |
| 512-LM358AN | LM358AN | DIP-8 | 2 | 16/32V | 3mV | 30nA | 100nA | 0.5mA | 100V/mV | 5mV | 28000mV | - | | | | |
| ◆512-LM358M | LM358M | SOP-8 | 2 | 16/32V | 7mV | 50nA | 250nA | 0.8mA | 100V/mV | 5mV | 28mV | - | | | | |
| ◆512-LM358MX | LM358MX | SOIC-8 | 2 | 16/32V | 7mV | 50nA | 250nA | 0.5mA | 100V/mV | 5mV | 28000mV | - | | | | |
| 512-LM358N | LM358N | DIP-8 | 2 | 16/32V | 7mV | 50nA | 250nA | 0.5mA | 100V/mV | 5mV | 28000mV | - | | | | |
| ◆512-NE5532N | NE5532N | DIP-8 | 2 | 22V | 4mV | 150nA | 800nA | 6mA | 2.2V/mV | - | - | 8 | | | | |

FAIRCHILD HIGH PERFORMANCE OPERATIONAL AMPLIFIERS
SEMICONDUCTOR

◆ Surface Mount Device

For quantities of 500 and up, call for quote.

| MOUSER STOCK NO. | Fairchild Part No. | Package | Amps Per Pack | Power Down | Rail to Rail Input or Output | Typical Unity Gain Bandwidth MHz | Typical Supply Curr. per Amp (mA) | Typical Output Current (+/- mA) | Supply Voltage Max (V) | CMIR Max (V) | Output Swing (V) | Input Voltage Noise (nV/rtHz) | Typical Offset Voltage (mV) | Typical Input Bias Curr. (uA) | Slew Rate (V/μs) | Price Each | | | |
|------------------|--------------------|---------|---------------|------------|------------------------------|----------------------------------|-----------------------------------|---------------------------------|------------------------|--------------|------------------|-------------------------------|-----------------------------|-------------------------------|------------------|------------|----|-----|-----|
| | | | | | | | | | | | | | | | | 1 | 25 | 100 | 250 |
| ◆512-LMV321AP5X | LMV321AP5X | SC70-5 | 1 | No | Output | 1.4 | 0.1 | 35 | 5.5 | 3.8 | 4.98 | 33 | 1 | 0 | 15 | | | | |
| ◆512-LMV321AS5X | LMV321AS5X | SOT-23 | 1 | No | Output | 1.4 | 0.1 | 35 | 5.5 | 3.8 | 4.98 | 33 | 1 | 0 | 15 | | | | |
| ◆512-LMV358AM8X | LMV358AM8X | SOIC-8 | 2 | No | Output | 1.4 | 0.1 | 35 | 5.5 | 3.8 | 4.98 | 33 | 1 | 0 | 15 | | | | |
| ◆512-LMV358AMU8X | LMV358AMU8X | SOP-8 | 2 | No | Output | 1.4 | 0.1 | 35 | 5.5 | 3.8 | 4.98 | 33 | 1 | 0 | 15 | | | | |