

Selection Table

Instrumentation Amplifiers

| Generic Part# | Single/Dual Supply | Voltage Supply (Vmin) | Voltage Supply (Vmax) | Supply Current (mA) | Gain Setting Method | CMRR @ 60 Hz | Bandwidth G=10 (kHz typ) | Vnoise RTI 1-10 Hz μ Vp-p | Input Offset Voltage (μ V) | Output Vos (mV) | Gain Range (min to max) | Price* (1000-4999) |
|------------------------|--------------------|-----------------------|-----------------------|---------------------|---------------------|--------------|--------------------------|-------------------------------|---------------------------------|-----------------|-------------------------|--------------------|
| AD522 | Dual | ± 5 | ± 18 | 10 | Resistor | 90 | 300 | 15 | 100 | - | 1,000 | - |
| AD524 | Dual | ± 6 | ± 18 | 5 | Pin | 90 | 400 | 15 | 250 | 5 | 1,000 | \$8.55 |
| AD526 | Dual | ± 4.5 | ± 16.5 | 14 | Software | n/a | n/a | 9 | 700 | n/a | 16 | \$5.74 |
| AD620 | Dual | ± 2.3 | ± 18 | 1.3 | Resistor | 93 | 800 | 6 | 30 | 0.4 | 10,000 | \$3.14 |
| AD621 | Dual | ± 2.3 | ± 18 | 1.3 | Pin | 93 | 800 | 6 | 35 | 0.04 | 100 | \$3.67 |
| AD622 | Dual | ± 2.6 | ± 18 | 0.9 | Resistor | 86 | 800 | 6 | 60 | 0.6 | 1,000 | \$2.25 |
| AD623 | Single/Dual | ± 2.7 | ± 6 | 0.55 | Resistor | 90 | 100 | 3 | 25 | 0.2 | 1,000 | \$1.25 |
| AD624 | Dual | ± 6 | ± 18 | 5 | Pin | 90 | 400 | 10 | 200 | 5 | 1,000 | \$10.72 |
| AD625 | Dual | ± 6 | ± 18 | 5 | Resistor | 90 | 400 | 4 | 200 | 5 | 10,000 | \$6.84 |
| AD626 | Single/Dual | ± 2.5 | ± 6 | 2 | Pin | 66 | 100 | 2 | 500 | n/a | 90 | \$3.33 |
| AD627 | Single/Dual | ± 2.2 | ± 18 | 0.06 | Resistor | 77 | 40 | 1.2 | 50 | 0.5 | 1,000 | \$2.30 |
| AD628 | Single/Dual | ± 5 | ± 18 | 1.6 | Resistor | 75 | 600 | 2 | 1500 | - | 10,000 | \$1.60 |
| AD629 | Dual | ± 2.5 | ± 18 | 1 | n/a | 77 | 500 | 15 | 1000 | n/a | 1 | \$2.55 |
| AD8221 | Single/Dual | ± 2.3 | ± 18 | 1 | Resistor | 80 | 562 | 2 | 60 | 0.3 | 1,000 | \$1.99 |
| AD8225 | Dual | ± 1.7 | ± 18 | 1.2 | fixed | 80 | 900 | 1.5 | 50 | - | 5 | \$2.95 |
| AMP01 | Dual | ± 4.5 | ± 18 | 4.8 | Resistor | 95 | 100 | 13 | 100 | 6 | 10,000 | \$3.57 |
| AMP02 | Dual | ± 4.5 | ± 18 | 6 | Resistor | 115 | 300 | 1.2 | 200 | 8 | 1,000 | \$3.70 |
| AMP03 | Dual | ± 5 | ± 15 | 2.5 | fixed | 80 | 3000 | 10 | 10 | n/a | 1 | \$2.53 |
| AMP04 | Single/Dual | ± 5 | ± 18 | 0.7 | Resistor | 75 | 100 | 7 | 300 | 3 | 1,000 | \$4.14 |