

AMPLIFIERS

ANALOG DEVICES - OPERATIONAL AMPLIFIER SELECTION



AHEAD OF WHAT'S POSSIBLE™

Analog Devices portfolio of high speed, rail to rail and precision op amps provides a broad choice of products delivering exceptional performance.

Mfg. Part No.	Description	Stock No.	Price Each
1-9+			
AD712 Precision High Speed Series			
AD712AQ	Dual 4 MHz 2 AMP 20 V/us DIP 8 Pins	05F7274	---
● AD712JNZ	Dual 4 MHz 2 AMP 20 V/us DIP 8 Pins	59K4554	---
AD822 Low Power, Rail to Rail Series			
● AD822ARMZ	Dual 1.8 MHz 2 AMP 3 V/us MSOP 8 Pins	19P8296	---
● EVAL-INAMP-82RZ	AD8221, AD8228, AD8421, INSTR AMP, EVAL KIT	26R2672	---
● AD822ANZ	Dual 1.8 MHz 2 AMP 3 V/us DIP 8 Pins	59K6487	---
● AD822ARZ	Dual 1.8 MHz 2 AMP 3 V/us SOIC 8 Pins	59K6490	---
AD825 Low Cost, General-Purpose High Speed Series			
● AD825ARZ	Single 26 MHz 1 AMP 140 V/us SOIC 8 Pins	59K6528	3.85
AD860x Precision, Low Noise Series			
● AD8605ARTZ-REEL7	Single 10 MHz 1 AMP 5 V/us SOT-23 5 Pins	19M8925	---
● AD8606ARMZ-REEL	Dual 10 MHz 2 AMP 5 V/us MSOP 8 Pins	59K6920	---
● AD8606ACBZ-REEL7	Dual 10 MHz 2 AMP 5 V/us WLCSP 8 Pins	64M7588	---
● AD8606ACBZ-REEL7	Single 10 MHz 1 AMP 5 V/us WLCSP 5 Pins	67W2756	---
AD8627 Precision, Low Power Series			
● AD8627AKSZ-REEL7	Single 5 MHz 1 AMP 5 V/us SC-70 5 Pins	59K6990	---
ADA4177 Precision, Low Noise Series			
● ADA4177-1ARZ	3.5 MHz 1 AMP 1.5 V/us NSOIC 8 Pins	50Y1648	---
ADA4522 Rail to Rail, Ultra Low Noise Series			
● ADA4522-4ARZ	Zero Drift 2.7 MHz 4 AMP 1.8 V/us	59Y6672	---
ADA4522-1ARMZ-R7	Rail-to-Rail 2.7 MHz 1 AMP 1.7 V/us MSOP 8 Pins	89Y6954	---
ADA4530 Femtoampere Input Bias Current Electrometer			
● ADA4530-1ARZ	2 MHz 1 AMP 1.4 V/us NSOIC 8 Pins	70Y6519	---
ADA4622 Precision, Low Bias Current Series			
● ADA4622-2ARMZ	Rail to Rail 8 MHz 2 AMP 23 V/us MSOP 8 Pins	59Y6675	4.16
● ADA4622-2ARZ	Rail to Rail O/P 8 MHz 2 AMP 23 V/us NSOIC 8 Pins	59Y6678	---
ADA480x Rail to Rail Series			
ADA4807-1AKSZ-R2	180 MHz 1 AMP 225 V/us SC-70 6 Pins	52Y5584	---
● ADA4807-4ARUZ	180 MHz 4 AMP 160 V/us TSSOP 14 Pins	53Y1120	---
ADA4806-1ARJZ-R2	Rail to Rail 120 MHz 1 AMP 190 V/us SOT-23 8 Pins	78Y4073	---
ADA4899 Unity Gain, High Speed Series			
● ADA4899-1YRDZ	Single 600 MHz 1 AMP 310 V/us SOIC 8 Pins	19M0651	---
OP27 Precision, Low Noise Series			
● OP27EPZ	Single 8 MHz 1 AMP 2.8 V/us DIP 8 Pins	59K8827	---
● OP27GPZ	Single 8 MHz 1 AMP 2.8 V/us DIP 8 Pins	59K8828	---
OP282 Precision, High Speed Series			
● OP282GSZ	Dual 4 MHz 2 AMP 9 V/us SOIC 8 Pins	19M8980	---
OP400 Low Offset, Low Power Series			
OP400EY	Quad 500 kHz 4 AMP 0.15 V/us DIP 14 Pins	05F8665	---
● OP400GPZ	Quad 500 kHz 4 AMP 0.15 V/us DIP 14 Pins	59K8889	---

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ANALOG DEVICES - OPERATIONAL AMPLIFIER SELECTION



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Mfg. Part No.	Description	Stock No.	Price Each
1-9+			
ADA4177 Precision, Low Noise Series			
● ADA4177-1ARZ	3.5 MHz 1 AMP 1.5 V/us NSOIC 8 Pins	50Y1648	---
ADA4522 Rail to Rail, Ultra Low Noise Series			
● ADA4522-4ARZ	Zero Drift 2.7 MHz 4 AMP 1.8 V/us	59Y6672	---
ADA4522-1ARMZ-R7	Rail-to-Rail 2.7 MHz 1 AMP 1.7 V/us MSOP 8 Pins	89Y6954	---
ADA4530 Femtoampere Input Bias Current Electrometer			
● ADA4530-1ARZ	2 MHz 1 AMP 1.4 V/us NSOIC 8 Pins	70Y6519	---
ADA4622 Precision, Low Bias Current Series			
● ADA4622-2ARMZ	Rail to Rail 8 MHz 2 AMP 23 V/us MSOP 8 Pins	59Y6675	4.16
● ADA4622-2ARZ	Rail to Rail O/P 8 MHz 2 AMP 23 V/us NSOIC 8 Pins	59Y6678	---
ADA480x Rail to Rail Series			
ADA4807-1AKSZ-R2	180 MHz 1 AMP 225 V/us SC-70 6 Pins	52Y5584	---
● ADA4807-4ARUZ	180 MHz 4 AMP 160 V/us TSSOP 14 Pins	53Y1120	---
ADA4806-1ARJZ-R2	Rail to Rail 120 MHz 1 AMP 190 V/us SOT-23 8 Pins	78Y4073	---

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ANALOG DEVICES - AMPLIFIER SELECTION



AHEAD OF WHAT'S POSSIBLE™

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ANALOG DEVICES - AMPLIFIER SELECTION (CONT.)

Analog Devices focuses on designing amplifiers that deliver high performance and high value. ADI combines circuit design, manufacturing process innovation, and applications expertise to create products that simplify signal conditioning design.

Mfg. Part No.	Description	Stock No.	Price Each
1-9+			
Audio Power			
● OP275GPZ	AB 2 Channel DIP 8 Pins	19M1029	---
● SSM2019BNZ	AB 1 Channel DIP 8 Pins	19M9007	---
● SSM2375CBZ-REEL7	D 1 Channel 3 W LCSP 9 Pins	19T7839	---
● SSM2537ACBZ-R7	D 1 Channel 2.7 W WLCSP 9 Pins	54W6624	---
● SSM2141PZ	AB 1 Channel DIP 8 Pins	59K9094	---
● SSM2167-1RMZ-REEL	AB 1 Channel MSOP 10 Pins	88H0694	---
Current Sense			
● AD694ARZ	Current Transmitter 3 AMP 1.5 nA SOIC 16 Pins	59K4525	---
● AD694JNZ	Current Transmitter 4 AMP 1.5 nA DIP 16 Pins	59K4530	---
Differential			
● ADA4941-1YRZ	Single-Supply 1 AMPs 400 uV 31 MHz	19M0653	---
● AD629ARZ	High Common-Mode Voltage 1 AMPs 200 uV 1 dB 500 kHz	59K4427	6.48
● AMP03GPZ	Unity-Gain 1 AMPs 750 uV 1 dB 3 MHz	59K7592	---
● AD8138ARZ	Low Distortion 1 AMPs 3.5 mV 1.0045 dB 320 MHz	88H0176	---
● ADA4940-1ACPZ-R7	Low Distortion 1 AMPs 60 uV 260 MHz	92T1800	---
Instrument			
AD524AD	5 AMP 250 uV 5 V/us 25 MHz DIP	05F6909	---
AMP01FX	1 AMP 100 uV 4.5 V/us 570 kHz DIP	05F7837	---
● AD524ADZ	1 AMP 250 uV 5 V/us 25 MHz DIP	13M6165	---
● AD524BDZ	5 AMP 100 uV 5 V/us 25 MHz DIP	13M6166	---
● AD623ARMZ	1 AMP 500 uV 0.3 V/us 800 kHz MSOP	19M8824	---
AD8221BR	1 AMP 25 uV 2 V/us 825 kHz 2.SOIC	19M8891	---
● AD620BRZ	1 AMP 15 uV 1.2 V/us 1 MHz 2.SOIC	56J9549	---
● AD620ANZ	1 AMP 50 uV 1.2 V/us 1 MHz 2.DIP	59K4387	---
● AD620BNZ	1 AMP 15 uV 1.2 V/us 1 MHz 2.DIP	59K4388	---
● AD622ANZ	1 AMP 125 uV 1.2 V/us 1 MHz 2.DIP	59K4398	---
● AD623ANZ	1 AMP 200 uV 0.3 V/us 800 kHz DIP	59K4402	---
● AD623ARZ	1 AMP 200 uV 0.3 V/us 800 kHz NSOIC	59K4403	---
● AMP02FPZ	1 AMP 200 uV 6 V/us 1.2 MHz DIP	59K7588	---
● AD8222BCPZ-R7	2 AMP 60 uV 2 V/us 1.2 MHz 2.LFCSOP	67W2745	---
● AD8224ACPZ-R7	2 AMP 300 uV 2 V/us 1.5 MHz LFCSP	67W2746	---
● AD8224BCPZ-R7	2 AMP 175 uV 2 V/us 1.5 MHz LFCSP	67W2747	---
● AD620ARZ	1 AMP 30 uV 1.2 V/us 1 MHz 2.SOIC	82H2866	---
Isolation			
AD202JY	1 AMP 15 mV 750 Vrms SIP 10 Pins	05F6717	---
AD202KN	1 AMP 5 mV 1500 Vrms DIP 10 Pins	05F6718	---
AD210AN	3-Port 1 AMP 15 mV 1DIP 12 Pins	05F6727	---
AD210BN	3-Port 1 AMP 5 mV 2.5 kV DIP 30 Pins	05F6728	---
AD210JN	3-Port 1 AMP 5 mV 1.5 kV DIP 30 Pins	05F6729	---
AD215BY	1 AMP 2 mV 1500 Vrms SIP 12 Pins	16F6546	---
Programmable Gain			
● AD8330ACPZ-R2	1 Channels 1 AMP 150 MHz	28M4114	---
● ADRF6516ACPZ-R7	2 Channels 2 AMP 31 MHz	67W3151	---
Sample and Hold			
AD684JQ	4 AMP 1 MHz 750 ns 50 mV DIP 16 Pins	05F7219	---
● AD783JRZ	High Speed 1 AMP 15 MHz 250 ns 50 mV SOIC 8 Pins	59K5614	---
Sensor Conditioners			
AD598AD	Signal Conditioner 20 kHz DIP 20 Pins	05F7096	---

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TEXAS INSTRUMENTS - AMPLIFIER SELECTION

TEXAS INSTRUMENTS
Authorized Distributor

Mfg. Part No.	Description	Stock No.	Price Each
1-9+			
Difet Electrometer-Grade Operational Amplifier			
● OPA128JM	Single 1 MHz 1 AMP 3 V/us TO-99 8 Pins	75C4586	---
General Purpose Amplifier			
● TLC272CDR	Dual 1.7 MHz 2 AMP 3.6 V/us 3V to 16V SOIC 8 Pins	28X4469	---
● LM741CN/NOPB	Single 1.5 MHz 1 AMP 0.5 V/us 10V to 44V DIP 8 Pins	41K6294	0.30
● LM324N	Quad 1.2 MHz 4 AMP 0.5 V/us 3V to 32V DIP 14 Pins	60K6190	---
High Output Current, Precision Amplifier			
● LM8261MS/NOPB	Single 21 MHz 1 AMP 12 V/us 2.SOT-23 5 Pins	41K6397	2.84
High Power Monolithic Amplifier			
● OPA541AP	Single 1.6 MHz 1 AMP 10 V/us TO-220 11 Pins	72K9048	---
High Precision, Low Power Amplifier			
● OPA211AIDR	Single 45 MHz 1 AMP 27 V/us 2.2SOIC 8 Pins	58M1075	5.18
● OPA2277UA	Dual 1 MHz 2 AMP 0.8 V/us SOIC 8 Pins	75C4660	3.61

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