

AMPLIFIERS

TEXAS INSTRUMENTS - OPERATIONAL AMPLIFIER SELECTION (CONT.)

Mfg. Part No.	Description	Stock No.	Tape Cut 1-9+
Precision Amplifier			
● LT1014CN	Quad 1 MHz 4 AMP 0.4 V/us DIP 14 Pins	06F9485	---
● OPA2277UA	Quad 1 MHz 4 AMP 0.8 V/us SOIC 14 Pins	24C8771	5.14
● TLV2372IDR	Dual 2.4 MHz 2 AMP 2 V/us SOIC 8 Pins	76C7975	---
● TLV2374IDR	Quad 2.4 MHz 4 AMP 2 V/us SOIC 14 Pins	76C7983	1.96
● OPA2244UA	Dual 430 kHz 2 AMP 0.16 V/us SOIC 8 Pins	80K6020	---
Rail-to-Rail Input-Output Precision Amplifier			
● LM7301IM5/NOPB	Single 4 MHz 1 AMP 1.25 V/us SOT-23 5 Pins	28X4345	---
● LMC6482AIM/NOPB	Dual 1.5 MHz 2 AMP 1.3 V/us SOIC 8 Pins	41K2655	1.34
Rail-to-Rail Precision Amplifier			
● OPA192IDBVR	Single 10 MHz 1 AMP 20 V/us SOT-23	51Y4122	3.22
● OPA2172IDGK	10 MHz 2 AMP 10 V/us VSSOP 8 Pins	53Y0819	---
● OPA4172IPW	10 MHz 4 AMP 10 V/us TSSOP 14 Pins	53Y0821	---
● OPA1688IDRGR	10 MHz 2 AMP 8 V/us WSON 8 Pins	68Y5925	---
● OPA1688IDRGR	Rail-to-Rail O/P 10 MHz 2 AMP 8 V/us	70Y6449	---
● OPA2172IDRGT	Rail-to-Rail O/P 10 MHz 2 AMP 10 V/us	75Y8065	---
● LMC6484AIMX/NOPB	Dual 1.5 MHz 2 AMP 1.3 V/us SOIC 14 Pins	41K2664	2.82
● LM6132AIM/NOPB	Dual 10 MHz 2 AMP 14 V/us SOIC 8 Pins	41K6184	2.74
● TLC2274ACDR	Quad 2.18 MHz 4 AMP 3.6 V/us SOIC 14 Pins	76C6917	0.74
Ultra-Low Input Current Amplifier			
● LMC6001AIN/NOPB	Single 1.3 MHz 1 AMP 1.5 V/us DIP 8 Pins	41K2572	4.16

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TEXAS INSTRUMENTS - AMPLIFIER SELECTION



Authorized Distributor

Texas Instruments offers a range of Amplifiers suited to different applications. From audio, current sense, differential and instrumental amplifiers you will be able to find the right amplifier to fit your design.

Mfg. Part No.	Description	Stock No.	Tape Cut 1-9+
Audio Power			
● TPA6130A2RTJR	AB 2 Channel 138 mW QFN 20 Pins	34M0132	---
● OPA2134UA	2 Channel 2 SOIC 8 Pins	35C1847	4.47
● LM1875T/NOPB	B 1 Channel 25 W TO-220 5 Pins	41K3523	---
● TPA3140D2PWP	D 2 Channel 10 W HTSSOP 28 Pins	47Y6181	0.68
● TPA3144D2PWP	D 2 Channel 6 W HTSSOP 28 Pins	68Y0735	0.83
● OPA2134PA	2 Channel 2 DIP 8 Pins	74K3897	---
● TPA3123D2PWP	D 2 Channel 25 W HTSSOP 24 Pins	86W6302	---
Buffers-Video			
● OPA633KP	High Speed 1 AMPs 260 MHz 2500 V/us DIP 8 Pins	17M7509	---
● BUF634U	High Speed 1 AMPs 180 MHz 2000 V/us SOIC 8 Pins	27C6567	---
● BUF634P	High Speed 1 AMPs 180 MHz 2000 V/us DIP 8 Pins	80K5714	4.50
Current Sense			
● INA219AIDCNR	Bi-Directional Current 1 AMP SOT-23 8 Pins	09P2546	2.36
● INA209AIPWR	Bi-Directional Current 1 AMP TSSOP 16 Pins	48M0665	2.50
● INA226AIDGSR	Bi-Directional Current 10 uA MSOP 10 Pins	52T7856	---
● XTR111AIDGQT	Precision 2 AMP 25 nA MSOP 10 Pins	54M7931	---
● RCV420JP	Precision 1 AMP DIP 16 Pins	60K6765	---
● INA285AQDRQ1	1 AMP 25 uA SOIC 8 Pins	68Y0728	---
● INA286AQDRQ1	1 AMP 25 uA SOIC 8 Pins	68Y0729	1.45
● XTR110KP	Precision 2 AMP DIP 16 Pins	79K0175	11.64
● INA193AIDBVR	Common-Mode Range 2 AMP 16 uA SOT-23 5 Pins	86W5980	---
Differential			
● INA105KP	Unity-Gain 1 AMPs 500 uV 1 dB 1 MHz	04M4538	---
● INA117KU	High Common-Mode Voltage 1 AMPs 1 mV 200 kHz	17M6717	8.38
● THS4521IDGKT	Low Power 1 AMPs 2 mV 1.02 dB 145 MHz	45P2939	1.37
● THS4131ID	Low Noise 1 AMPs 2 mV 2 dB 150 MHz	72C6289	4.01
● INA117P	High Common-Mode Voltage 1 AMPs 1 mV 1 dB 200 kHz	74K3811	---
Instrument			
● INA333AIDGKR	1 AMP 25 uV 0.016 V/us 150 kHz VSSOP	01P0907	4.59
● INA118U	1 AMP 125 uV 0.09 V/us 800 kHz 1.3SOIC	04M6168	---
● INA116UA	1 AMP 5 mV 0.08 V/us 800 kHz SOIC	35C1717	19.31
● INA125P	1 AMP 250 uV 0.02 V/us 150 kHz 2.DIP	35C1726	---
● INA128U	1 AMP 50 uV 4 V/us 1.3 MHz 2.2SOIC	35C1729	---
● INA128UA	1 AMP 125 uV 4 V/us 1.3 MHz 2.2SOIC	35C1730	---
● PGA204BU	1 AMP 50 uV 0.07 V/us 1 MHz SOIC	35C1958	---
● INA326EA/2K5	1 AMP 100 uV 1 kHz MSOP	74C9874	2.83
● INA101HP	1 AMP 250 uV 0.04 V/us 300 kHz DIP	74K3804	---
● INA114AP	1 AMP 125 uV 0.06 V/us 1 MHz 2.2DIP	74K3809	---
● INA114BP	1 AMP 50 uV 0.06 V/us 1 MHz 2.2DIP	74K3810	10.67
● INA2128UA	2 AMP 125 uV 4 V/us 1.3 MHz 2.2SOIC	80K5912	9.87
● PGA202KP	1 AMP 2 mV 20 V/us 1 MHz DIP	80K6038	18.69

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TEXAS INSTRUMENTS - AMPLIFIER SELECTION (CONT.)

Mfg. Part No.	Description	Stock No.	Tape Cut 1-9+
Isolation			
● ISO124U	Precision 1 AMP 50 mV 1500 Vrms SOIC 8 Pins	10M8426	---
● ISO124P	Precision 1 AMP 50 mV 1500 Vrms DIP 8 Pins	35C1752	---
● ISO122P	Precision 1 AMP 50 mV 1500 Vrms DIP 8 Pins	55M8194	---
● ISO122JP	Precision 1 AMP 50 mV 1500 Vrms DIP 8 Pins	75C0481	---
Transimpedance			
● IVC102U	Transimpedance AMP 12 MHz -100 uA 100 uA SOIC	03P0868	---

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TEXAS INSTRUMENTS - COMPARATOR SELECTION



Authorized Distributor

Texas Instruments offers a variety of comparators with wide supply ranges, from 2 V to 36 V, and low supply currents enabling low power operation. These features, along with fast rise and fall times, make TI's comparators the perfect choice for a wide variety of industrial and commercial uses.

Mfg. Part No.	Description	Stock No.	Price Each 1-9+
High Voltage Comparator			
● TPS3700DDCR	Rail to Rail High Voltage2 SOT-23 6 Pins	94T1856	1.79
Low Power Comparator			
● LM339N	Quad Voltage4 300 ns DIP 14 Pins	06F9386	0.16
● LM339AMX/NOPB	Quad Low Power4 1.3 us SOIC 14 Pins	28X4334	---
● TLV1701AIDCKT	Single Micropower1 560 ns 2.SC-70 5 Pins	38Y6981	1.37
● LM339M/NOPB	Quad Low Power4 1.3 us SOIC 14 Pins	41K4752	---
● TLV1701AIDRLT	Micropower1 560 ns 2.SOT-553 5 Pins	52Y0768	---
● TLV1702AIRUGR	Micropower2 2.X2 QFN 8 Pins	68Y0733	---
● TLV1702AQDGKRQ1	Micropower1 2.V SSOP 8 Pins	78Y9393	0.32
Quad Differential Comparator			
● LM139DR	Quad DIFF4 300 ns SOIC 14 Pins	28X4322	---
● LM139DR	Quad DIFF4 300 ns SOIC 14 Pins	75C0710	0.51
Rail to Rail Comparator			
● LMV7219M5/NOPB	Single High Speed1 7 ns SOT-23 5 Pins	12X9028	---
● LMC7211AIM5/NOPB	Single Micropower1 4 us SOT-23 5 Pins	28X4275	---
● LMC7215IM5/NOPB	Single Micropower1 11 us SOT-23 5 Pins	41K2726	---
● LMV7219M5/NOPB	Single High Speed1 7 ns SOT-23 5 Pins	41K3149	1.57
● TLV3502AIDCNT	Dual High Speed2 4.5 ns SOT-23 8 Pins	43K4128	---
Voltage Comparator			
● LM311N/NOPB	Single General Purpose1 200 ns DIP 8 Pins	41K4648	---

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LINEAR TECHNOLOGY - AMPLIFIER SELECTION



Linear Technology manufactures a broad line of high performance operational amplifiers. Amplifier product families include high speed amplifiers, precision amplifiers, low noise amplifiers, and micropower amplifiers as well as special function amplifiers such as current sense, programmable gain and differential high speed analog to digital converter (ADC) drivers.

Mfg. Part No.	Description	Stock No.	Tape Cut 1-24+
LT1013 - Dual Precision Op Amp			
● LT1013CN8#PBF	Dual 800 kHz 2 AMP 0.4 V/us DIP 8 Pins	57M0823	---
● LT1013DS8#PBF	Dual 800 kHz 2 AMP 0.4 V/us SOIC 8 Pins	57M0827	---
● LT1013IN8#PBF	Dual 800 kHz 2 AMP 0.4 V/us DIP 8 Pins	57M0831	---
LT1014 - Quad Precision Op Amp			
● LT1014DSW#PBF	Quad 800 kHz 4 AMP 0.4 V/us SOIC 16 Pins	57M0843	---
● LT1014IN#PBF	Quad 800 kHz 4 AMP 0.4 V/us DIP 14 Pins	57M0847	---
LT1028 - Ultra Low Noise Precision High Speed Op Amps			
● LT1028CS8#PBF	Single 75 MHz 1 AMP 15 V/us SOIC 8 Pins	57M1061	---
LT1058 - JFET Input Precision High Speed Op Amps			
● LT1058CN#PBF	Quad 5 MHz 4 AMP 14 V/us DIP 14 Pins	57M1232	---
LT1078x- Micropower, Single Supply, Precision Op Amps			
● LT1078IN8#PBF	Dual 200 kHz 2 AMP 0.07 V/us 2.DIP 8 Pins	57M1406	---
● LT1078IS8#PBF	Dual 200 kHz 2 AMP 0.07 V/us SOIC 8 Pins	57M1412	---
● LT1079CN#PBF	Quad 200 kHz 4 AMP 0.07 V/us DIP 14 Pins	57M1426	---
LT1112 - Dual Low Power Precision, Picoamp Input Op Amps			
● LT1112S8#PBF	Dual 750 kHz 2 AMP 0.3 V/us SOIC 8 Pins	57M1739	---
LT1125 - Quad Low Noise, High Speed Precision Op Amps			
● LT1125CN#PBF	Quad 12.5 MHz 4 AMP 4 V/us DIP 14 Pins	57M2023	---
LT1210 - 1.1A, 35MHz Current Feedback Amplifier			
● LT1210CT7#PBF	Single 55 MHz 1 AMP 900 V/us TO-220 7 Pins	57M2704	---
LT1355 - Dual 12MHz, 400V/μs Op Amps			
● LT1355CS8#PBF	Dual 12 MHz 2 AMP 400 V/usSOIC 8 Pins	57M3437	---
LT1360 - 50MHz, 800V/μs Op Amp			
● LT1360CS8#PBF	Single 50 MHz 1 AMP 800 V/us SOIC 8 Pins	57M3487	---

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