

Mfr. Pins Pkg	Features	Mfrs. List No.	Order Code	1+	25+	100+	250+	+	
1716 BB 28 SSOP	24-bit Sigma Delta DAC with 16kHz -96kHz sampling frequency, -96dB THD+N, 106dB SNR, 8 x oversampling, 106dB Dynamic Range. 400mW power dissipation. (SSOP)	PCM1716E	SMD 353-5344	274.00	210.00	185.00	175.00	--	
1744 TI 14 SOIC	24-bit complete stereo DAC with 95dB Dynamic range, multi sampling frequency up to 96kHz, 8 x oversampling, 256fs or 384fs system clock	PCM1744U	SMD 121-4384	171.00	131.00	100.00	88.00	--	
1744 BB 14 SOIC	24-bit complete stereo DAC with 95dB Dynamic range, multi sampling frequency up to 96kHz, 8 x oversampling, 256fs or 384fs system clock	PCM1744U	SMD 353-5368	180.00	138.00	105.00	98.00	--	
1753 TI 16 SSOP	24-BIT AUDIO D-A Converter	PCM1753DBQ	SMD 843-4476	133.00	102.00	78.00	68.00	--	
1754 TI 16 SSOP	24-BIT AUDIO D-A Converter	PCM1754DBQ	SMD 843-4484	133.00	102.00	83.00	77.00	--	
1755 TI 16 SSOP	24-BIT AUDIO D-A Converter	PCM1755DBQ	SMD 843-4492	133.00	102.00	78.00	68.00	--	
1770 TI 16 TSSOP	24-BIT AUDIO D-A Converter	PCM1770PW	SMD 843-4506	190.00	145.00	111.00	98.00	--	
1792 TI 28 SSOP	24-BIT AUDIO D-A Converter, Advanced Segment	PCM1792DB	SMD 120-7081	1,153.00	1,001.00	912.00	855.00	--	
1794 TI 28 SSOP	24-BIT AUDIO D-A Converter	PCM1794DB	SMD 120-7082	1,153.00	1,001.00	912.00	855.00	--	
1835 ADI 52 MQFP	2 ADC, 8 DAC, 96 kHz, 24-Bit Codecs	AD1835AASZ	SMD 839-6540	784.00	653.00	522.00	--	--	
1837 ADI 52 MQFP	2 ADC, 8 DAC, 96 kHz, 24-Bit Codecs	AD1837AASZ	SMD 839-6566	783.00	655.00	499.00	--	--	
1851 ADI 16 DIL	16-bit PCM Audio DAC with serial to parallel register and voltage reference. 0.008% THD, 0.001% linearity error, 110dB SNR, 1.5Ms settling time, 2x/4x/8x/16x oversampling, 100mW typ power dissipation	AD1851NZ	114-3215	536.00	447.00	358.00	--	--	
1856 ADI 16 DIL	16-bit PCM Audio DAC with serial to parallel register and voltage reference. 0.008% THD, 0.001% linearity error, 96dB SNR, 1.5Ms settling time, 2x/4x/8x oversampling, 150mW typ power dissipation	AD1856NZ	114-3203	1,006.00	838.00	670.00	--	--	
1866 ADI 16 DIL	16-bit dual Audio DAC with serial input-voltage output. 0.005% THD+N, 3dB gain linearity error, 95dB SNR, 115dB channel separation, 8x oversampling, 65mW max power dissipation	AD1866NZ	114-3216	887.00	739.00	591.00	--	--	
2704 TI 28 SSOP	D-A Converter, Audio with USB	PCM2704DB	SMD 843-4662	332.00	254.00	224.00	211.00	--	
2705 TI 28 SSOP	D-A Converter, Audio with USB	PCM2705DB	SMD 843-4670	332.00	254.00	210.00	188.00	--	
4202 TI 28 SSOP	216kHz, Stereo-Audio, Delta-Sigma	PCM4202DBR	SMD 996-9063	557.00	426.00	350.00	315.00	--	
4204 TI 64 HTQFP	216kHz, 4-Channel Audio, Delta-Sigma	PCM4204PAPT	SMD 996-9098	748.00	625.00	554.00	498.00	--	
9888 NSC 128 TQFP	MSPS Video Analog Front End	ADCS9888CVH-140	SMD 818-1438	730.00	632.00	589.00	--	--	
9888 NSC 64 TQFP	MSPS Video Analog Front End	ADCS9888CVH-170	SMD 818-1446	976.00	844.00	772.00	--	--	
9888 NSC 128 PQFP	MSPS Video Analog Front End	ADCS9888CVH-205	SMD 818-1454	1,270.00	1,103.00	1,005.00	--	--	
73311 ADI 20 SOIC	General purpose analogue front end processor with 16-bit A/D and 16-bit D/A channels, each with 70dB SNR over voice band signal bandwidth. Supports speech synthesis, enhancement and DSP	AD73311ARZ	SMD 107-9320	350.00	310.00	272.00	--	--	
Data Acquisition Systems									
197 MAX28 SOIC	Multi-range 5V 12-bit DAS with 8 + 4 bus interface	MAX197ACWI+	SMD 118-7984	2,339.00	1,861.00	1,284.00	--	--	
1290 LT 20 DIL	8-Channel, MC, S, S/A, S/H	LTC1290CCN	638-341	1,616.00	1,119.00	995.00	--	--	
1290 LT 20 DIL	Plastic (N) package version of the LTC1290CCJ	LTC1290CCN#PBF	956-1021	1,838.00	1,191.00	1,064.00	--	--	
7569 ADI 24 DIL	8-bit Analog I/O System. Includes ADC, Sample/Hold Amp, Voltage Ref, DAC, O/P Amp	AD7569JNZ	107-9376	614.00	544.00	476.00	--	--	
7581 ADI 28 DIL	8-bit/8 channel Data Acquisition System (±14 LSB). Includes on-chip 8 x 8 dual port RAM	AD7581JNZ	107-9377	1,139.00	854.00	711.00	--	--	
7710 ADI 24 DIL	21-bit Sigma-Delta Signal Conditioning ADC. Strain gauge or transducer input, serial output, on-board Programmable Gain Amp, Voltage Ref	AD7710ANZ	960-5215	1,340.00	1,148.00	957.00	--	--	
7890 ADI 24 SOIC	12-bit/8 channel Serial Data Acquisition System. Includes ADC, 8 channel multiplexer, 2.5V reference, Track/Hold Amp	AD7890ARZ-10	SMD 960-5568	860.00	737.00	614.00	--	--	
Special Function									
2 ADI 40 DIL	Variable Resolution, Monolithic Tracking Resolver-to-Digital Converter. Programmable 10, 12, 14 or 16 bit resolution	AD2S80AJD	318-2071	8,874.00	7,830.00	7,511.00	--	--	
320 TI 48 TQFP	16-bit Oversampling Sigma-Delta A/D D/A CODEC, 22KSPS, interfaces to TMS320xx series DSP Processors, 3.0 to 5.5V operation (TQFP)	TLV320AIC10CPFGB4	SMD 121-4394	304.00	233.00	178.00	156.00	--	
320 TI 48 TQFP	16-bit Oversampling Sigma-Delta A/D D/A CODEC, 22KSPS, interfaces to TMS320xx series DSP Processors, 3.0 to 5.5V operation (TQFP)	TLV320AIC10CPFB	SMD 355-5938	304.00	233.00	189.00	176.00	--	
500 TS 16 DIL	Integrating Converter Analogue Processor. Resolution and conversion speed controllable through software	TC500ACPE	976-2663	255.00	185.00	167.00	--	--	
1250 TI 16 SOIC	A-D Converter, 20-BIT 25kHz Low Power	ADS1250UG4	SMD 120-6863	654.00	561.00	484.00	436.00	--	
7730 ADI 24 SOIC	Bridge Transducer ADC for low level signal inputs from a transducer to a serial output digital word	AD7730LBRZ	SMD 107-9295	733.00	611.00	489.00	--	--	
7730 ADI 24 DIL	Bridge Transducer ADC for low level signal inputs from a transducer to a serial output digital word	AD7730BNZ	960-5487	882.00	756.00	690.00	--	--	
7731 ADI 24 DIL	24-bit Delta-Sigma ADC with programmable gain front end for low level signals from a transducer, suitable for process control	AD7731BNZ	107-9298	890.00	788.00	742.00	--	--	
7870 TI 28 SSOP	12-BIT DATA ACQUISITION SYSTEM	ADS7870EAG4	SMD 120-6875	467.00	358.00	296.00	264.00	--	
7871 TI 28 SSOP	14-BIT 48KSPS DAS with A-D Converter	ADS7871IDBG4	SMD 120-6876	470.00	404.00	348.00	313.00	--	

Semiconductors - Integrated Circuits

Operational Amplifiers

Single

414159

Mfr. Pins Pkg	Description	Mfrs. List No.	Order Code	1+	25+	100+	250+	+
3 INTS 8 DIL	100MHz Current Feedback Amp. (Enhanced EL200)	HA3-5020-5	246-542	270.00	235.00	185.00	154.00	--
3 INTS 8 DIL	Uncompensated, High Slew Rate, Operational Amp	HA3-2525-5Z	101-8160	360.00	313.00	246.00	205.00	--
3 INTS 8 DIL	100MHz Current Feedback Amp. (Enhanced EL2020)	HA3-5020-5Z	121-6105	270.00	235.00	185.00	154.00	--
7 ST 8 DIL	Precision Operational Amp. - Vos 150µV max. Drift 0.5µV/°C max	OP07CN	109-4321	82.00	58.00	46.00	39.00	--
7 TI 8 DIL	Precision Operational Amp. - Vos 150µV max. Drift 1.8µV/°C max	OP07CP	110-6130	54.00	43.00	34.00	25.00	--
07 TI 8 SOIC	Low-Offset Voltage Operational Amplifier	OP07CD	SMD 958-9929	54.00	43.00	34.00	24.00	--
7 ADI 8 DIL	Precision Operational Amp. - Vos 150µV max. Drift 1.6µV/°C max	OP07CPZ	960-4600	50.00	42.00	37.00	--	--
7 ADI 8 SOIC	Precision Operational Amp. - Vos 150µV max. Drift 1.6µV/°C max	OP07CSZ	SMD 960-4618	50.00	42.00	37.00	--	--
7 ADI 8 DIL	Precision Operational Amp. - Vos 75µV max. Drift 1.3µV/°C max	OP07EPZ	960-5452	138.00	118.00	104.00	--	--
10 NSC 8 DIL	Operational Amp. and Voltage Reference, supply 1.1V to 5V @270µA	LM10CLN	948-6704	152.00	111.00	83.00	--	--
10 NSC 8 DIL	Operational Amp. and Voltage Reference, supply 1.1V to 40V @270µA	LM10CN	948-6712	167.00	122.00	103.00	--	--
12 NSC 4 TO-3	Power Operational Amp., 150W	LM12CLK	121-6148	1,212.00	1,075.00	983.00	--	--
27 BB 8 DIL	Low Noise Precision Operational Amp	OPA27GP	398-100±	138.00	106.00	86.00	80.00	--
27 BB 8 DIL	Low Noise Precision Operational Amp	OPA27GP	109-7516	138.00	106.00	86.00	80.00	--
27 TI 8 SOIC	OP AMP, Low Noise	OPA27GUE4	SMD 120-7111	138.00	106.00	81.00	71.00	--
27 TI 5 SOP	OP AMP, RAIL-RAIL, Single	TLV27L1IDBVT	SMD 845-5368	61.00	48.00	38.00	26.00	--
27 ADI 8 SOIC	Low Noise Precision Operational Amp (i/p Vos max=100µV)	OP27GSZ	SMD 942-6124	85.00	80.00	70.00	--	--
27 ADI 8 DIL	Low Noise Precision Operational Amp (i/p Vos max 25µV)	OP27EPZ	960-3603	252.00	197.00	167.00	--	--
27 ADI 8 DIL	Low Noise Precision Operational Amp (i/p Vos max=100µV)	OP27GPZ	960-4626	85.00	85.00	79.00	--	--
37 TI 8 SOIC	OP AMP, Low Noise	OPA37GU	SMD 121-2300	144.00	111.00	84.00	74.00	--
37 TI 8 SOIC	OP AMP, Low Noise	OPA37GU..	SMD 843-3674	142.00	109.00	88.00	78.00	--
37 ADI 8 DIL	Low Noise, High Speed Precision Operational Amp	OP37GPZ	960-4642	90.00	69.00	58.00	--	--
37 ADI 8 SOIC	Low Noise, High Speed Precision Operational Amp	OP37GSZ	SMD 960-4650	86.00	66.00	61.00	--	--
70 ST 8 SOIC	Wideband, Rail-to-Rail Video Op Amp	TSH70CD	SMD 108-6949	78.00	64.00	54.00	47.00	--
70 ST 5 SOT-23	Wide Band, Low Power Operational Amplifier With Standby Function	TSH70CLT	SMD 109-4967	94.00	70.00	60.00	56.00	--
71 ST 8 SO-8	Wide Band, Low Power Operational Amplifier With Standby Function	TSH71GD	SMD 109-4969	78.00	58.00	50.00	47.00	--
80 ST 8 SOIC	Wideband, Rail-to-Rail Op Amp	TSH80ID	SMD 108-6954	78.00	66.00	52.00	38.00	--
80 ST 5 SOT23	Wide Band, Rail-to-Rail Operational Amplifier with Standby Function	TSH80ILT	SMD 109-4975	66.00	50.00	43.00	40.00	--
81 ST 8 SOIC	Wideband, Rail-to-Rail Op Amp with Standby	TSH81ID	SMD 108-6955	78.00	66.00	52.00	38.00	--
81 ST 8 TSSOP	Wide Band, Rail-to-Rail Operational Amplifier with Standby Function	TSH81IPT	SMD 109-4976	90.00	67.00	58.00	54.00	--
90 ADI 8 SOIC	Precision Low Voltage Micropower Operational Amp	OP90GSZ	SMD 942-6132	145.00	131.00	112.00	--	--
90 ADI 8 DIL	Precision Low Voltage Micropower Operational Amp	OP90GPZ	960-4669	145.00	124.00	112.00	--	--

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