



A/D & D/A Convertors - continued

Mfr.	Pins	Pkg	Linearity Error \pm LSB	Conversion Time \pm 1/2 LSB, μ s	Features	Mfrs. List No.	Order Code	1+	25+	Price Each			
16-Bit A/D													
8323	TI	32	TQFP	2	1.6	A-D Converter ADS BIPOLAR INPUT 500Kh2	ADS8323Y	SMI 121-2290	719.00	598.00	479.00	--	--
8323	TI	32	TQFP	2	1.6	A-D Converter ADS BIPOLAR INPUT 500Kh2	ADS8323Y	SMI 840-9463	597.00	545.00	498.00	448.00	--
8325	BB	8	MSOP	1.5	6.67	C, R, S, S/A	ADS8325IBDGKT	SMI 501-1620	607.00	554.00	506.00	471.00	--
8341	BB	16	SSOP	6	16	C, R, S	ADS8341EB	SMI 110-0946	804.00	672.00	596.00	536.00	--
8341	TI	16	SSOP	2		A-D Converter; 16-BIT 4-Channel 200KHZ Serial	ADS8341E	SMI 121-2292	696.00	598.00	516.00	464.00	--
8341	TI	16	SSOP	2		A-D Converter; 16-BIT 4-Channel 200KHZ Serial	ADS8341E..	SMI 840-9480	675.00	580.00	500.00	450.00	--
8343	TI	16	SSOP	6	6	C, R, S, S/A	ADS8343EBG4	SMI 121-4425	809.00	676.00	599.00	539.00	--
8343	BB	16	SSOP	6	6	C, R, S, S/A	ADS8343EB	SMI 501-1632	809.00	676.00	637.00	572.00	--
8344	BB	20	SSOP	6	16	C, R, S	ADS8344EBG4	SMI 110-0947	865.00	754.00	656.00	602.00	--
8344	TI	20	SSOP	2		A-D Converter, 16-BIT, 8-Channel	ADS8344NG4	SMI 120-7897	752.00	629.00	557.00	501.00	--
8344	TI	20	SSOP	2		A-D Converter, 16-BIT, 8-Channel	ADS8344E	SMI 121-2293	752.00	629.00	557.00	501.00	--
8344	TI	20	SSOP	2		A-D Converter, 16-BIT, 8-Channel	ADS8344NB	SMI 121-2294	865.00	754.00	656.00	602.00	--
8344	TI	20	SSOP	2		A-D Converter, 16-BIT, 8-Channel	ADS8344E..	SMI 840-9501	762.00	637.00	565.00	508.00	--
8344	TI	20	SSOP	2		A-D Converter, 16-BIT, 8-Channel	ADS8344NB..	SMI 840-9528	865.00	731.00	636.00	583.00	--
8345	TI	20	SSOP	2		16-BIT, 8 Channel, 100KHZ Serial A-D Converter	ADS8345NBG4	SMI 121-2299	903.00	754.00	656.00	602.00	--
8345	TI	20	SSOP	2		16-BIT, 8 Channel, 100KHZ Serial A-D Converter	ADS8345E	SMI 121-4426	865.00	754.00	656.00	602.00	--
8345	BB	20	SSOP	6		C, R, S, S/A	ADS8345EB	SMI 501-1656	914.00	764.00	706.00	647.00	--
8361	TI	24	SSOP	1.5	1.6	Dual 250KHZ, 16-BIT, 2+2 Channel	ADS8361IDBQG4	SMI 120-6879	823.00	688.00	610.00	548.00	--

Key to Features: C = CMOS, D/B = Double-Buffered, L = Latches, M = Multiplying, MC = Microprocessor Compatible, MP = Micropower, P = Parallel O/P, R = Internal Reference, R2R = Rail-to-Rail output, S = Serial O/P, S/A = Successive Approximation, S/H = Sample and Hold, T = Temp. Sensor, T/H = Track and Hold, V = Voltage O/P

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Mfr.	Pins	Pkg	Linearity Error \pm LSB	Conversion Time \pm 1/2 LSB, μ s	Features	Mfrs. List No.	Order Code	1+	25+	Price Each			
18-Bit A/D													
132	MAX	24	DIL	-	63	C, S	MAX132CNG+	118-7950	1,349.00	1,004.00	716.00	--	--
7674	ADI	48	LFSCP	2.5	1.25	5V, 800kSPS, P, S, S/A, S/H	AD7674ACP	SMI 839-7481	2,481.00	2,076.00	1,583.00	--	--
7674	ADI	48	LQFP	2.5	1.25	5V, 800kSPS, P, S, S/A, S/H	AD7674ASTZ	SMI 839-7490	2,481.00	2,206.00	1,840.00	--	--
7678	ADI	48	LFSCP	2.5	1.5	5V, 100kSPS, P, S, S/A, S/H	AD7678ACP	SMI 839-7503	1,705.00	1,426.00	1,088.00	--	--
7678	ADI	48	LQFP	2.5	1.5	5V, 100kSPS, P, S, S/A, S/H	AD7678ASTZ	SMI 114-3269	1,705.00	1,426.00	1,088.00	--	--
7679	ADI	48	LFSCP	2.5	1.5	5V, 570kSPS, P, S, S/A, S/H	AD7679ACP	SMI 839-7520	2,273.00	1,902.00	1,450.00	--	--
8139	ADI	8	SOIC			Differential ADC Driver, R2R, Up to 18-bit	AD8139ARDZ	SMI 839-7864	331.00	294.00	248.00	--	--
20-Bit A/D													
1213	TI	28	SSOP	1	2.9	4-Channel, 5V, MC, S, S/A	ADS1213EG4	SMI 932-4089	903.00	786.00	684.00	627.00	--
22-Bit A/D													
112	TI	28	SOIC	1	-	20-BIT, 2 Chan- Current Input A-D Converter	DDC112U..	SMI 846-6475	914.00	794.00	724.00	678.00	--
112	TI	28	SOIC	1	-	20-BIT, 2 Chan- Current Input A-D Converter	DDC112U	SMI 121-2386	1,022.00	887.00	809.00	758.00	--
112	TI	28	SOIC	1	-	20-BIT, 2 Chan- Current Input A-D Converter	DDC112UK..	SMI 846-6483	1,364.00	1,185.00	1,080.00	1,013.00	--
112	TI	28	SOIC	1	-	20-BIT, 2 Chan- Current Input A-D Converter	DDC112UK	SMI 121-2387	1,318.00	1,144.00	1,043.00	978.00	--
3551	MCHIP	8	MSOP	6	72.73	13.75SPS, Delta-Sigma	MCP3551-E/MS	SMI 108-4624	305.00	178.00	178.00	--	--
3551	MCHIP	8	SOIC	6	72.73	13.75SPS, Delta-Sigma	MCP3551-E/SN	SMI 108-4625	302.00	188.00	188.00	--	--
24-Bit A/D													
1201	TI	16	SOIC	1	-	A-D Converter, 24-BIT, Sigma-Delta, R	ADS1201U	SMI 840-8947	578.00	497.00	428.00	385.00	--
1210	BB	18	DIL	1	1.2	C, L, S, R	ADS1210P.	789-8721	973.00	900.00	820.00	814.00	--
1210	BB	18	DIL	1	1.2	C, L, S, R	ADS1210P	109-7569	973.00	847.00	772.00	724.00	--
1210	BB	18	SOIC	1	1.2	C, L, S, R	ADS1210U.	SMI 353-8760	866.00	799.00	771.00	722.00	--
1210	BB	18	SOIC	1	1.2	C, L, S, R	ADS1210U	SMI 109-7511	924.00	807.00	735.00	690.00	--
1211	TI	24	DIL	1	1.2	C, L, S, R	ADS1211PG4	121-9430	1,064.00	924.00	842.00	790.00	--
1211	TI	24	SOIC	1	1.2	4-Channel, 5V, MC, S, S/A	ADS1211UG4	SMI 932-4070	982.00	880.00	802.00	752.00	--
1217	BB	48	TQFP	1	1	C, D/B, R, S	ADS1217IPFB	SMI 501-1413	530.00	484.00	442.00	397.00	--
1217	TI	48	TQFP	1	1	C, D/B, R, S	ADS1217IPFB	SMI 121-4419	507.00	422.00	355.00	--	--
1240	BB	24	SSOP	1	1	C, D/B, R, S	ADS1240E	SMI 501-1449	428.00	328.00	288.00	272.00	--
1240	TI	24	SSOP	1	1	C, D/B, R, S	ADS1240EG4	SMI 121-4420	428.00	328.00	271.00	242.00	--
1240	BB	24	SSOP	1	1	C, D/B, R, S	ADS1240E	SMI 501-1449	428.00	328.00	288.00	272.00	--
1241	TI	28	SSOP	1	-	C, D/B, R, S	ADS1241EG4	SMI 121-4422	473.00	362.00	300.00	267.00	--
1242	BB	16	TSSOP	1	-	C, D/B, R, S	ADS1242IPW	SMI 110-6056	432.00	330.00	274.00	244.00	--
1243	BB	20	TSSOP	1	1	C, D/B, R, S	ADS1243IPW	SMI 110-6057	460.00	352.00	292.00	260.00	--
1251	BB	8	SOIC	1	-	C, R, S	ADS1251U	SMI 110-3104	526.00	452.00	390.00	351.00	--
1251	TI	8	SOIC	1	-	C, R, S	ADS1251UG4	SMI 932-4097	526.00	452.00	390.00	351.00	--
1252	TI	8	SOIC	1	0.4	C, R	ADS1252UG4	SMI 120-2022	526.00	452.00	390.00	351.00	--
1253	BB	16	SSOP	1	-	C, R, S	ADS1253E	SMI 501-1528	630.00	541.00	496.00	446.00	--
1253	TI	16	SSOP	1	-	C, R, S	ADS1253EG4	SMI 121-4423	630.00	541.00	467.00	420.00	--
1271	TI	16	TSSOP	-	9.52	105kSPS, Delta-Sigma	ADS1271IPW	SMI 996-8865	555.00	477.00	411.00	370.00	--
1836	ADI	52	MQFP	-	-	Multichannel, 96 kHz Codec	AD1836AASZ	SMI 114-3227	842.00	705.00	537.00	--	--
7732	ADI	28	TSSOP	4	-	2-Channel, MC, S	AD7732BRUZ	SMI 114-3273	784.00	653.00	522.00	--	--
7734	ADI	28	TSSOP	4	-	4-Channel, MC	AD7734BRUZ	SMI 114-3274	784.00	653.00	522.00	--	--
7738	ADI	28	TSSOP	-	-	8-Channel, MC	AD7738BRUZ	SMI 114-3275	748.00	656.00	468.00	--	--
7787	ADI	10	MSOP	-	-	2-Channel, R, Sigma Delta	AD7787BRMZ	SMI 114-3276	356.00	297.00	238.00	--	--
7788	ADI	10	MSOP	-	-	Differential Input, Sigma Delta	AD7788BRMZ	SMI 114-3277	215.00	184.00	154.00	--	--
7789	ADI	10	MSOP	-	-	S, Sigma Delta	AD7789BRMZ	SMI 114-3278	265.00	221.00	177.00	--	--
7793	ADI	16	TSSOP	15	-	3-Channel, R, Sigma-Delta	AD7793BRUZ	SMI 945-3067	430.00	368.00	307.00	--	--
7794	ADI	24	TSSOP	-	2000	6-Channel, 500SPS, R, S, Sigma-Delta	AD7794BRUZ	SMI 107-8329	535.00	446.00	356.00	--	--
7799	ADI	16	TSSOP	-	2000	3-Channel, 500SPS, S, Sigma-Delta	AD7799BRUZ	SMI 107-8327	401.00	334.00	268.00	--	--
74111	ADI	16	TSSOP	-	-	Low Power Mono Audio Code, Sigma Delta ADC	AD74111YRUZ	SMI 114-3255	226.00	188.00	150.00	--	--

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Mfr.	Pins	Pins	Features	Mfrs. List No.	Order Code	1+	25+	Price Each			
3, 3 1/2, 3 3/4, 4 1/2 Digit A/D											
7106	INTS	40	DIL	3AE Digits, Integrating, CMOS, Single chip, Drives LCD Display	ICL7106CPLZ	966-3550	134.00	119.00	105.00	95.00	--
7107	INTS	40	DIL	3AE Digits, Integrating, CMOS, Single chip, Drives LED Display	ICL7107CPLZ	966-3568	142.00	125.00	111.00	100.00	--
7107	MCHIP	40	DIL	3 1/2 Digits, Integrating, CMOS, Single chip, Drives LED Display	TC7107CPL	119-6783	204.00	148.00	134.00	--	--
7126	INTS	40	DIL	3AE Digits, Integrating, CMOS, Single chip, Low Power, Drives LCD Display	ICL7126CPLZ	966-3576	235.00	207.00	184.00	165.00	--
7126	MCHIP	40	DIL	3 1/2 Digits, Integrating, CMOS, Single chip, Low Power, Drives LCD Display	TC7126CPL	119-6784	318.00	232.00	209.00	--	--
7135	TI	28	DIL	4 1/2 Digits, Integrating, CMOS, multiplexed BCD output	ICL7135CN..	396-874	352.00	286.00	251.00	249.00	--
7135	INTS	28	DIL	4AE Digits, Integrating, CMOS, multiplexed BCD output	ICL7135CPIZ	966-3584	181.00	160.00	142.00	128.00	--
7136	INTS	44	PQFP	3AE Digits, Integrating, CMOS, Single chip, Low Power, Drives LCD Display	ICL7136CM44Z	SMI 966-3592	228.00	201.00	190.00	171.00	--
7136	INTS	40	DIL	3AE Digits, Integrating, CMOS, Single chip, Low Power, Drives LCD Display	ICL7136CPLZ	966-3606	240.00	211.00	200.00	180.00	--