

A/D & D/A Convertors - continued

Mfr.	Pins	Pkg	Linearity		Features	Mfrs. List No.	Order Code	Price Each					
			Error ± LSB	Conversion Time ± 1/2 LSB, µs				1+	25+	100+	250+	+	
7828	ADI	28	DIL	1	2	8-Channel, C, P, S/H	AD7828KNZ	107-9352	924.00	756.00	631.00	--	--
7829	ADI	28	DIL	0.75	0.42	8-Channel, 3V/5V Flash C, P, R, T/H	AD7829BNZ	114-3184	363.00	302.00	242.00	--	--
7904	ADI	16	TSSOP	0.2	800	4-Channel, MS, S/A, T/H	AD7904BRUZ	114-3209	143.00	119.00	95.00	--	--
7908	ADI	20	TSSOP	0.2	0.8	4-Channel, MS, S/A, T/H	AD7908BRUZ	114-3280	171.00	143.00	114.00	--	--
8083	TI	100	HTQFP	1.5		8-BIT A-D Converter, 80MSPS TRIPLE	THS8083APZPG4	120-7277	700.00	602.00	519.00	467.00	--
08100	NSC	24	TSSOP	0.4		A/D Converter, 8-Bit, 20 MSPS to 100 MSPS, 1.3 mW/MSPS	ADC08100CIMTC	818-0679	486.00	367.00	287.00	--	--
08200	NSC	24	TSSOP	0.4		A/D Converter, 8-Bit, 20 MSPS to 200 MSPS, 1.05 mW/MSPS	ADC08200CIMT	820-6805	659.00	586.00	531.00	--	--
8591	PS	16	DIL	1.5	90	C, T/H (A/D & D/A Converter)	PCF8591P	396-412	335.00	276.00	207.00	172.00	--
9280	ADI	28	SSOP	0.5	0.03	C, R, S/H	AD9280ARSZ	960-3727	162.00	139.00	116.00	--	--
9281	ADI	28	SOIC	0.1	0.031	2-Channel, C, R, S/H	AD9281ARSZ	114-3182	292.00	250.00	208.00	--	--
9480	ADI	44	TQFP	0.26	0.004	250MSPS, C, P, R, T/H	AD9480ASUZ-250	107-8245	1,516.00	1,300.00	1,083.00	--	--
9480	ADI	44	TQFP	0.5		3.3V, R, T/H	AD9480BSUZ-250	839-8283	2,041.00	1,858.00	1,694.00	--	--
9481	ADI	44	TQFP	0.26	0.004	250MSPS, C, P, R, T/H	AD9481BSUZ-250	107-8244	1,516.00	1,381.00	1,218.00	--	--

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

414035

Mfr.	Pins	Pkg	Linearity		Features	Mfrs. List No.	Order Code	Price Each					
			Error ± LSB	Conversion Time ± 1/2 LSB, µs				1+	25+	100+	250+	+	
10-Bit A/D													
101	NSC	6	SOT-23	0.3	1	1MSPS, 10-Bit A/D Converter in SOT-23	ADC101S101CIMF	100-7985	191.00	138.00	110.00	--	--
102	NSC	8	MSOP	0.13	5	2 Channel, 200 KSPS, 10-Bit A/D Converter	ADC102S021CIMM	100-7986	166.00	121.00	90.00	--	--
102	NSC	8	MSOP	0.13	2	2 Channel, 500 kSPS, 10-Bit A/D Converter	ADC102S051CIMM	100-7987	214.00	156.00	117.00	--	--
102	NSC	8	MSOP	0.26	1	2 Channel, 1 MSPS, 10-Bit A/D Converter	ADC102S101CIMM	100-7988	271.00	197.00	148.00	--	--
104	NSC	10	MSOP	0.13	5	4 Channel 200 kSPS, 10-Bit A/D Converter	ADC104S021CIMM	100-7989	189.00	137.00	103.00	--	--
104	NSC	10	MSOP	0.13	2	4 Channel 500 kSPS, 10-Bit A/D Converter	ADC104S051CIMM	100-7990	242.00	176.00	148.00	--	--
104	NSC	10	MSOP	0.26	1	4 Channel 1 MSPS, 10-Bit A/D Converter	ADC104S101CIMM	100-7991	305.00	222.00	166.00	--	--
573	ADI	20	DIL	1	30	MC, P, R, S/A	AD573JNZ	107-9353	1,975.00	1,646.00	1,317.00	--	--
820	BB	28	SOIC	1	0.05	C, R, T/H	ADS820U	701-816	635.00	545.00	500.00	476.00	--
820	TI	28	SOIC	1	0.05	C, R, T/H	ADS820UG4	121-4452	635.00	545.00	470.00	423.00	--
1243	MAX8	SOIC	1	7.5		R, S, S/A, T/H	MAX1243BCSA+	118-7991	476.00	364.00	260.00	--	--
1504	TI	16	SOIC	0.5	3.86	10-BIT A-D Converter, 200KSPS	TLV1504ID	845-4892	298.00	228.00	189.00	169.00	--
1541	TI	20	DIL	1	21	11-Channel, C, MC, S, S/A	TLC1541IN..	396-450	388.00	297.00	261.00	247.00	--
1541	TI	20	DIL	1	21	11-Channel, C, MC, S, S/A	TLC1541IN	110-6009	411.00	314.00	261.00	232.00	--
1543	TI	20	PDIP	1	21	10-BIT A-D Converter, 38KSPS	TLC1543CN	845-3756	241.00	184.00	140.00	124.00	--
1549	TI	8	SOIC	1	21	10-BIT A-D Converter, 38KSPS	TLC1549CD	845-3764	228.00	174.00	133.00	117.00	--
1549	TI	8	PDIP	1	21	10-BIT A-D Converter, 38KSPS	TLC1549CP	845-3772	241.00	184.00	140.00	124.00	--
1572	TI	8	SOIC	1		10-BIT A-D Converter, 1.25MSPS	TLV1572ID	845-4906	400.00	306.00	253.00	226.00	--
5767	INTS28	TSSOP	0.75	60		C, R	HI5767/6CB	302-5524	855.00	700.00	649.00	589.00	--
5767	INTS28	TSSOP	0.75	60		C, R	HI5767/6CBZ	966-3487	721.00	636.00	564.00	508.00	--
7440	ADI	8	MSOP	0.5	0.888	1 MSPS, S/A, T/H, Differential Input	AD7440BRM	839-7236	212.00	182.00	150.00	--	--
7441	ADI	8	MSOP	0.5	0.888	1 MSPS, S/A, T/H, Psuedo Differential Input	AD7441BRMZ	114-3257	226.00	188.00	150.00	--	--
7467	ADI	8	MSOP	0.5	4.7	1.6V, MC, S/A	AD7467BRM	839-7295	162.00	138.00	115.00	--	--
7470	ADI	24	TSSOP	0.9	1.75	MC, P, S/A, T/H	AD7470ARUZ	942-5985	277.00	231.00	185.00	--	--
7477	ADI	8	MSOP	0.5	700	MC, S/A, T/H	AD7477AARMZ	114-3208	212.00	182.00	150.00	--	--
7477	NSC	6	SOT-23	0.5	1	1MSPS, C, S/A, T/H	ADC57477AIMF	977-9728	191.00	138.00	104.00	--	--
7579	ADI	24	DIL	1	18.5	C, MC, P, S/A, S/H	AD7579JNZ	107-9354	920.00	767.00	614.00	--	--
7811	ADI	16	DIL	1	2.3	4-Channel, C, R, S/A, T/H	AD7811YNZ	107-9299	285.00	238.00	190.00	--	--
7812	ADI	20	DIL	1	2.3	8-Channel, C, R, S/A, T/H	AD7812YNZ	107-9301	325.00	270.00	216.00	--	--
7817	ADI	16	SOIC	2	9	4-Channel, C, R, S/A, T, T/H	AD7817ARZ	942-5683	296.00	262.00	222.00	--	--
7911	ADI	8	TSOT	1.5	4	2-Channel, 250KSPS, MC, S, S/A	AD7911AUJZ-R2	107-8326	184.00	153.00	122.00	--	--
7911	ADI	8	MSOP	0.5	2.8	2-Channel, 250KSPS, S/A, T/H	AD7911ARMZ	839-7686	170.00	146.00	120.00	--	--
7912	ADI	8	MSOP	0.5	1	2-Channel, 1MSPS, MC, S, S/A	AD7912ARMZ	107-8325	233.00	200.00	166.00	--	--
7914	ADI	16	TSSOP	0.5	800	4-Channel, MC, S/A, T/H	AD7914BRUZ	114-3210	271.00	226.00	181.00	--	--
7933	ADI	28	TSSOP	1	0.666	4-Channel, 1.5MSPS, MC, P, R, S/A, T/H	AD7933BRUZ	107-8322	323.00	270.00	216.00	--	--
7939	ADI	32	LFCSP	1	0.666	8-Channel, 1.5MSPS, MC, P, R, S/A, T/H	AD7939BCPZ	107-8313	319.00	273.00	226.00	--	--
7939	ADI	32	TQFP	1	0.666	8-Channel, 1.5MSPS, MC, P, R, S/A, T/H	AD7939BSUZ	107-8314	319.00	273.00	226.00	--	--
7993	ADI	16	TSSOP	0.5	2	4-Channel, S, S/A, T/H	AD7993BRUZ-0	107-8309	161.00	137.00	114.00	--	--
7993	ADI	16	TSSOP	0.5	2	4-Channel, S, S/A, T/H	AD7993BRUZ-1	107-8310	184.00	153.00	122.00	--	--
7997	ADI	20	TSSOP	0.5	2	8-Channel, S, S/A, T/H	AD7997BRUZ-0	107-8304	178.00	153.00	126.00	--	--
7997	ADI	20	TSSOP	0.5	2	8-Channel, S, S/A, T/H	AD7997BRUZ-1	107-8305	191.00	163.00	136.00	--	--
9201	ADI	28	SOIC	0.4	0.05	2-Channel, C, R, S/H	AD9201ARSZ	107-9291	447.00	372.00	298.00	--	--
9215	ADI	28	TSSOP	0.25		3V, 105MSPS, S/H	AD9215BRUZ-105	114-3302	992.00	849.00	708.00	--	--
9215	ADI	28	TSSOP	0.25		3V, 65MSPS, S/H	AD9215BRUZ-65	114-3303	627.00	470.00	376.00	--	--
9215	ADI	28	TSSOP	0.25		3V, 80MSPS, S/H	AD9215BRUZ-80	114-3304	774.00	663.00	553.00	--	--
9215	ADI	32	LFCSP	0.25	9.5	3V, 105MSPS, S/H	AD9215BCPZ-105	839-8143	992.00	849.00	708.00	--	--
9215	ADI	32	LFCSP	0.25	12.5	3V, 80MSPS, S/H	AD9215BCPZ-80	839-8160	774.00	663.00	553.00	--	--
9216	ADI	64	LFCSP	0.5	0.00952	2-Channel, 105MSPS, P, R, S/H	AD9216BCPZ-105	107-8256	1,429.00	1,225.00	1,021.00	--	--
9216	ADI	64	LFCSP	0.5	0.01538	2-Channel, 65MSPS, P, R, S/H	AD9216BCPZ-65	107-8257	926.00	794.00	661.00	--	--
9216	ADI	64	LFCSP	1	0.0125	2-Channel, 80MSPS, P, R, S/H	AD9216BCPZ-80	107-8258	1,088.00	933.00	777.00	--	--
9411	ADI	100	TQFP	0.25		3.3V, 170/200MSPS, R, T/H	AD9411BSVZ-170	114-3309	3,034.00	2,601.00	2,166.00	--	--
9833	ADI	10	MSOP	1		Low Power 20 mW 2.3 V to 5.5 V Programmable Waveform Generator	AD9833BRMZ	114-3310	404.00	308.00	277.00	--	--
10040	NSC	28	TSSOP	0.3		3V, 40MSPS, C, S/H	ADC10040CIMT	757-6870	421.00	342.00	284.00	--	--
10065	NSC	28	TSSOP	0.3		3V, 65MSPS, C, S/H	ADC10065CIMT	757-6862	467.00	380.00	316.00	--	--
10080	NSC	28	TSSOP	0.25		3V, 80MSPS, C, S/H	ADC10080CIMT	757-6854	495.00	397.00	329.00	--	--

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414036

Mfr.	Pins	Pkg	Linearity		Features	Mfrs. List No.	Order Code	Price Each					
			Error ± LSB	Conversion Time ± 1/2 LSB, µs				1+	25+	100+	250+		
12-Bit A/D													
2	ADI	44	LQFP			12-Bit R/D Converter with Reference Oscillator	AD2S1200WSTZ	114-3228	860.00	831.00	716.00	--	--
2	ADI	44	LQFP			12-Bit R/D Converter with Reference Oscillator	AD2S1200YSTZ	114-3229	1,075.00	1,039.00	896.00	--	--
11	NSC	64	TQFP	0.25		Dual 11-Bit, 66 MSPS, 450 MHz Input Bandwidth A/D Converter w/Internal Reference	ADC11DL066CIVS	818-0687	1,437.00	1,248.00	1,137.00	--	--
12	NSC	64	TQFP	0.3		Dual 12-Bit, 40 MSPS, 3V, 210mW A/D Converter	ADC12DL040CIVS	100-8000	1,206.00	1,047.00	954.00	--	--