

A/D & D/A Convertors - continued

414043

Semiconductors - Integrated Circuits

23

Mfr.	Pins	Pkg	Linearity Error ± LSB	Conversion Time ± 1/2 LSB, µs	Features	Mfrs. List No.	Order Code	1+	25+	100+	250+	+	
14-Bit D/A													
904	TI	28	SOIC	2.5	0.03	D-A Converter, 14-BIT 165MSPS	DAC904UG4	120-6885	656.00	564.00	486.00	438.00	--
904	TI	28	TSSOP	2.5	0.03	C, MC, P, R	DAC904EG4	121-4430	656.00	564.00	486.00	438.00	--
904	TI	28	TSSOP	2.5	0.03	C, MC, P, R	DAC904E	501-1826	656.00	564.00	517.00	492.00	--
5378	ADI	108	CSPBGA	3	20	32-Channel, D/B, P, V, Bipolar	AD5378ABCZ	107-8371	3,836.00	3,069.00	2,557.00	--	--
5379	ADI	108	CSPBGA	3	20	40-Channel, D/B, P, V, Bipolar	AD5379ABCZ	107-8370	5,397.00	4,317.00	3,599.00	--	--
5380	ADI	100	LQFP	4	8	40-Channel, D/B, R, R2R, V	AD5380BSTZ-3	107-8368	4,471.00	3,577.00	2,982.00	--	--
5380	ADI	100	LQFP	4	8	40-Channel, D/B, R, R2R, V	AD5380BSTZ-5	107-8369	4,471.00	3,577.00	2,982.00	--	--
5382	ADI	100	LQFP	4	8	32-Channel, D/B, R, R2R, V	AD5382BSTZ-3	107-8363	3,840.00	3,072.00	2,559.00	--	--
5382	ADI	100	LQFP	4	8	32-Channel, D/B, R, R2R, V	AD5382BSTZ-5	107-8364	3,840.00	3,072.00	2,559.00	--	--
5390	ADI	64	LFCSP	3	8	16-Channel, D/B, R, R2R, V	AD5390BCPZ-5	107-8358	2,159.00	1,727.00	1,439.00	--	--
5390	ADI	52	LQFP	4	8	16-Channel, D/B, R, R2R, V	AD5390BSTZ-3	107-8359	2,159.00	1,727.00	1,439.00	--	--
5390	ADI	52	LQFP	3	8	16-Channel, D/B, R, R2R, V	AD5390BSTZ-5	107-8360	2,159.00	1,727.00	1,439.00	--	--
5392	ADI	64	LFCSP	4	8	8-Channel, D/B, R, R2R, V	AD5392BCPZ-3	107-8352	1,346.00	1,076.00	898.00	--	--
5392	ADI	64	LFCSP	3	8	8-Channel, D/B, R, R2R, V	AD5392BCPZ-5	107-8353	1,346.00	1,076.00	898.00	--	--
5551	ADI	8	SOIC	0.15	1	D/B, MC, S, V	AD5551BRZ	960-4219	617.00	549.00	492.00	--	--
5553	ADI	8	MSOP	1	0.5	Serial Input, Current Output	AD5553CRMZ	839-7155	577.00	483.00	368.00	--	--
5555	ADI	16	TSSOP	1	0.5	Serial Input, Dual Current Output	AD5555CRU	839-7163	754.00	631.00	481.00	--	--
7534	ADI	20	DIL	2	1.5	C, D/B, L, M, MC, P	AD7534JNZ	107-9374	1,353.00	1,198.00	1,049.00	--	--
7538	ADI	24	DIL	2	1.5	C, D/B, L, M, MC, P	AD7538JNZ	107-9375	924.00	756.00	559.00	--	--
9754	ADI	28	SOIC	0.5	0.035	C, L, R	AD9754ARZ	114-3191	628.00	544.00	448.00	--	--
9764	ADI	28	SOIC	1.5	0.035	C, R	AD9764ARZ	942-5640	662.00	568.00	474.00	--	--
16-Bit D/A													
16	ADI	24	DIL	2	0.5	C, R	DAC16FPZ	114-3226	2,321.00	1,934.00	1,547.00	--	--
420	ADI	24	SOIC	-	3	MC, S, V, Serial I/P, Sigma Delta	AD420ARZ-32	107-9391	971.00	809.00	647.00	--	--
420	ADI	24	DIL	-	3	L, MC, R	AD420ANZ-32	960-5533	1,016.00	849.00	648.00	--	--
542	MAX14	SOIC	4	1	C, MC, V	MAX542CCSD	355-7595	1,637.00	1,274.00	1,022.00	--	--	
542	MAX14	SOIC	4	1	C, V	MAX542CCSD+	972-5091	1,637.00	1,274.00	908.00	--	--	
669	ADI	28	DIL	1	2.5	C, D/B, L, MC, R, V	AD669BNZ	960-3557	2,119.00	1,773.00	1,351.00	--	--
669	ADI	28	DIL	2	2.5	C, D/B, L, MC, R, V	AD669ANZ	960-5541	1,413.00	1,256.00	1,048.00	--	--
712	BB	28	DIL	4	4	C, D/B, L, R, V	DAC712P	632-818	1,228.00	1,133.00	1,093.00	1,025.00	--
712	BB	28	SOIC	4	4	C, D/B, L, R, V	DAC712U	109-7510	1,225.00	1,064.00	969.00	909.00	--
712	TI	28	DIL	4	4	C, D/B, L, R, V	DAC712PG4	117-8435	1,228.00	1,066.00	972.00	911.00	--
714	BB	16	DIL	4	4	C, L, R, V	DAC714P	632-820	1,410.00	1,301.00	1,256.00	1,177.00	--
714	BB	16	DIL	4	4	C, L, R, V	DAC714P	109-7557	1,410.00	1,225.00	1,116.00	1,047.00	--
714	TI	SOIC	1	10			DAC714U	121-4385	1,225.00	1,064.00	969.00	909.00	--
716	BB	16	DIL	2	4	C, R, V	DAC716P	109-7417	1,547.00	1,344.00	1,224.00	1,148.00	--
766	ADI	16	DIL	1.5	1.5	L, MC, R, S, V (DSP I/F)	AD766JNZ	960-5223	1,111.00	930.00	708.00	--	--
768	ADI	20	SOIC	4	0.025	C, L	AD768ARZ	942-6442	2,166.00	1,805.00	1,444.00	--	--
2702	TI	28	SSOP	-	-	16-BIT D-A Converter WITH USB	PCM2702EG4	120-7085	546.00	469.00	404.00	364.00	--
5063	ADI	10	MSOP	1	4	V, Nano	AD5063BRMZ	107-8400	1,324.00	842.00	734.00	--	--
5543	ADI	8	MSOP	2	0.5	MC, Serial Input, Current Output	AD5543BRM	839-7112	883.00	739.00	563.00	--	--
5546	ADI	28	TSSOP	2	0.5	M, Serial Input, Current Output	AD5546BRUZ	114-3252	1,604.00	1,025.00	891.00	--	--
5547	ADI	38	TSSOP	2	0.5	2-Channel, 2MSPS, M, P	AD5547BRUZ	107-8348	1,489.00	951.00	827.00	--	--
5570	ADI	16	SSOP	2	10	V, Serial I/P	AD5570WRSZ	114-3253	1,619.00	1,349.00	1,079.00	--	--
5686	TI	100	HTQFP	9	0.012	D-A Converter, 16 Bit 500 MSPS Dual	DAC5686IPZPG4	120-6848	1,596.00	1,449.00	1,320.00	1,238.00	--
7632	TI	32	LQFP	2	10	2-Channel, C, D/B, R, R2R, S, V	DAC7632VFT	121-4429	882.00	766.00	698.00	655.00	--
7634	TI	48	SSOP	4	10	4-Channel, D/B, MC, V, Serial I/P	DAC7634E	121-4359	1,612.00	1,463.00	1,333.00	1,250.00	--
7634	BB	48	SSOP	4	10	4-Channel, D/B, MC, V, Serial I/P	DAC7634E	932-3687	1,649.00	1,516.00	1,382.00	1,338.00	--
7644	TI	48	SSOP	4	10	4-Channel, D/B + Readback, MC, V, Serial I/P	DAC7644EG4	121-4360	1,612.00	1,463.00	1,333.00	1,250.00	--
7644	BB	48	SSOP	4	10	4-Channel, D/B + Readback, MC, V, Serial I/P	DAC7644E	332-3699	1,712.00	1,554.00	1,500.00	1,406.00	--
7715	TI	16	SOIC	1	10	D-A Converter, 12-BIT Quad	DAC7715UB	121-2274	1,064.00	924.00	842.00	790.00	--
7715	TI	16	SOIC	1	10	D-A Converter, 12-BIT Quad	DAC7715UB	840-8696	952.00	827.00	753.00	706.00	--
7731	TI	24	SSOP	3	5	C, D/B, MC, R, R2R, V	DAC7731EC	501-1772	902.00	833.00	803.00	753.00	--
7734	TI	48	SSOP	3	10	D-A Converter, Quad/Serial 16-BIT, +10V	DAC7734E	121-2277	2,541.00	2,263.00	2,102.00	1,971.00	--
7734	TI	48	SSOP	1	10	D-A Converter, Quad Serial 16-BIT, +10V	DAC7734EC	121-2279	3,190.00	2,922.00	2,713.00	2,544.00	--
7734	TI	48	SSOP	3	10	D-A Converter, Quad/Serial 16-BIT, +10V	DAC7734E	840-8734	2,504.00	2,231.00	2,071.00	1,942.00	--
7734	TI	48	SSOP	1	10	D-A Converter, Quad Serial 16-BIT, +10V	DAC7734EC	840-8742	2,934.00	2,614.00	2,427.00	2,276.00	--
7744	TI	48	SSOP	4	10	4-Channel, D/B + Readback, MC, V, Serial I/P	DAC7744EG4	121-4361	2,541.00	2,263.00	2,102.00	1,971.00	--
7744	TI	48	SSOP	3	10	4-Channel, D/B + Readback, MC, V, Serial I/P	DAC7744EG4	121-4418	3,190.00	2,922.00	2,713.00	2,544.00	--
7744	BB	48	SSOP	4	10	4-Channel, D/B + Readback, MC, V, Serial I/P	DAC7744E	332-3705	2,541.00	2,405.00	2,365.00	2,218.00	--
7744	TI	48	SSOP	3	10	4-Channel, D/B + Readback, MC, V, Serial I/P	DAC7744EC	480-8848	4,105.00	3,634.00	3,679.00	--	--
8501	TI	8	MSOP	1	-	16-Bit, Low-Power, Rail-to-Rail Output, Serial Input DAC	DAC8501E/250G4	932-4178	338.00	259.00	214.00	191.00	--
8531	TI	8	VSSOP	1	10	D-A Converter, 16-BIT Serial, Low Cost	DAC8531E/250G4	120-6856	321.00	246.00	203.00	181.00	--
8532	TI	8	MSOP	1	10	2-Channel, R2R, Serial I/P	DAC8532IDGK	110-0950	503.00	432.00	373.00	335.00	--
8532	TI	8	TSSOP	1	10	2-Channel, R2R, Serial I/P	DAC8532IDGKG4	932-4186	503.00	432.00	373.00	335.00	--
8534	TI	16	TSSOP	1	10	4-Channel, R2R, Serial I/P	DAC8534IPWG4	932-4194	823.00	688.00	648.00	617.00	--
8541	TI	32	TQFP	1	10	16-BIT Parallel Low Cost D-A Converter	DAC8541Y	121-2282	304.00	253.00	202.00	--	--
8541	TI	32	TQFP	1	10	16-BIT Parallel Low Cost D-A Converter	DAC8541Y	840-8807	302.00	231.00	192.00	171.00	--
8571	TI	8	VSSOP	1	10	16-BIT D-A Converter I2C Interfact	DAC8571IDGKG4	120-6883	332.00	254.00	210.00	188.00	--
8574	TI	16	TSSOP	1	10	16-BIT D-A Converter W/ I2C	DAC8574IPWG4	120-6884	866.00	752.00	685.00	642.00	--
9786	ADI	80	TQFP	0.6	-	200MSPS, C, L, MC, S	AD9786BSVZ	107-8237	2,526.00	2,165.00	1,805.00	--	--
20-Bit D/A													
1220	BB	16	SSOP	1	2000	C, S, V	DAC1220E	109-7447	625.00	537.00	492.00	469.00	--
24-Bit D/A													
1802	TI	20	SSOP	-	-	24-BIT D-A Converter, SIGMA DELTA	PCM1802DBG4	120-7083	377.00	289.00	239.00	213.00	--
1804	TI	28	SSOP	-	-	24-BIT D-A Converter, SIGMA DELTA	PCM1804DBG4	120-7084	489.00	420.00	362.00	326.00	--

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

414044

Mfr.	Pins	Pkg	Features	Mfrs. List No.	Order Code	1+	25+	100+	250+	+	
Audio-Video ADC/DAC											
56	BB	16	DIL	16-bit DAC for digital Audio, -94dB THD, 96dB dynamic range, 0.001% linearity error, 1.5MS setting time, 850mW max power dissipation	PCM56P	397-714	605.00	520.00	476.00	454.00	--
56	BB	16	DIL	16-bit DAC for digital Audio, -94dB THD, 96dB dynamic range, 0.001% linearity error,							