

16-bit A/D – cont.		Linearity Error ± LSB	Conversion Time ± 1/2 LSB, μs	Power Dissipation mW (max.)	Features	Mfrs. List No.	Order Code	Price Each						
Mfr.	Pins							1+	10+	100+	250+	500+		
1377	AD	32	0.003%	10μs	800	S/A, P, C, R.....	AD1377KD	<b>318-2010</b>						
1140	INT	-	0.00%	35	-	C, P, R, S/A, (Identical Spec. to Analog Devices part).....	ADC1140	<b>333-1714</b>						
7188	AD	40	0.0015%	520	30*	(8 CHANNEL) S, Sigma Delta.....	HI7188IP	<b>796-359</b>						
7701	AD	20◆	0.003%	250	40mV*	C, S, S/H, Sigma Delta.....	AD7701AN	<b>396-758</b>						
7705	AD	16	0.003%	1	450	(2 CHANNEL) C, R, S, Sigma Delta ...	AD7705BN	<b>117-134</b>						
7706	AD	16	0.003%	1	450	(3 CHANNEL) C, R, S, Sigma Delta ...	AD7706BN	<b>117-146</b>						
7715	AD	16◆	0.0015%	2.5	450	C, R, S, Sigma Delta (3V).....	AD7715AN3	<b>788-570</b>						
7807	BB	28◆	1½	25	35	C, L, P, R, S, S/A, S/H.....	ADS7807P	<b>483-357</b>						
7809	BB	20◆	1½	10	100	C, L, R, S, S/A, S/H.....	ADS7809P	<b>483-370</b>						
7809	BB	20	1½	10	100	C, L, R, S, S/A, S/H.....	ADS7809U	<b>SMD NEW 353-8783</b>						
7825	BB	28	1	250	50	(4 CHANNEL) C, L, P, S, R, S/A, S/H.....	ADS7825P	<b>789-902</b>						
7825	BB	28	1	250	50	(4 CHANNEL) C, L, P, S, R, S/A, S/H.....	ADS7825U	<b>SMD NEW 353-8771</b>						
7884	AD	40	0.0075	5.3	250	L, P, TWO PASS FLASH ARCHITECTURE	AD7884AQ	<b>318-2368</b>						
8320	BB	8	0.008	16 cycles	100μ	C, S (IND TEMP).....	ADS8320E	<b>SMD 300-6335</b>						
<b>17-bit A/D</b>														
510	TEL	24	0.003%	132ms	18	C, PR, SS.....	TC510CPF	<b>119-210</b>						
510	TEL	24	0.003%	132ms	18	C, PR, SS.....	TC510COG	<b>SMD 119-222</b>						
514	TEL	28	0.003%	132ms	18	(4 CHANNEL) C, PR, SS.....	TC510CPJ	<b>119-234</b>						
514	TEL	28	0.003%	132ms	18	(4 CHANNEL) C, PR, SS.....	TC510COI	<b>SMD 119-246</b>						
530	TEL	28	0.008%	132ms	25	C, S, PR, SS.....	TC530CPJ	<b>119-258</b>						
530	TEL	28	0.008%	132ms	25	C, S, PR, SS.....	TC530COI	<b>SMD 119-260</b>						
534	TEL	40	0.008%	132ms	25	(4 CHANNEL) C, PR, SS.....	TC534CPL	<b>119-271</b>						
534	TEL	44	0.008%	132ms	25	(4 CHANNEL) C, S, PR, SS.....	TC534CKW	<b>SMD 119-283</b>						
<b>18-bit A/D</b>														
132	MAX	24◆	0.006%	63	478	C, S.....	MAX132CNG	<b>NEW 353-4017</b>						
1170	AD	40	0.001%	1 to 350mS	-	P, R, Integrating converter.....	AD1170	<b>318-1996†</b>						
<b>24-bit A/D</b>														
1210	BB	18	0.003%	—	60	C, L, S, R, Delta-Sigma.....	ADS1210P	<b>789-872</b>						
1210	BB	18	0.003%	—	60	C, L, S, R, Delta-Sigma.....	ADS1210U	<b>NEW 353-8760</b>						
<b>3, 3½, 3¾, 4½ digit A/D</b>														
Mfr.	Pins	Description												
133	MAX	44	3 3/4 Digits, Integrating, CMOS, Single chip, Drives LCD. (PLCC, IND TEMP)										MAX133EQH	<b>SMD NEW 355-7637</b>
3162	INTS	16	3 digits, A/D converter with multiplexed BCD output. Compliments CA3161E to implement a complete 3 digit display.....										CA3162E	<b>633-434</b>
71C03	INTS	28	4½ Digits, CMOS, A/D Processor (use with ICL8052/ICL8068).....										ICL71C03ACPI	<b>396-760</b>
7106	INTS	40	3½ Digits, Integrating, CMOS, Single chip, Drives LCD Display.....										ICL7106CPL	<b>396-795</b>
7106	TEL	40	3½ Digits, Integrating, CMOS, Single chip, Drives LCD Display.....										TC7106CPL	<b>270-430</b>
7107	INTS	40	3½ Digits, Integrating, CMOS, Single chip, Drives LED Display.....										ICL7107CPL	<b>396-813</b>
7107	TEL	40	3½ Digits, Integrating, CMOS, Single chip, Drives LED Display.....										TC7107CPL	<b>270-441</b>
7116	INTS	40	3½ Digits, Integrating, CMOS with display hold. Drives LCD Display.....										ICL7116CPL	<b>396-837</b>
7117	INTS	40	3½ Digits, Integrating, CMOS with display hold. Drives LCD Display.....										ICL7117CPL	<b>396-849</b>
7126	INTS	40	3½ Digits, Integrating, CMOS, Single chip, Low Power, Drives LCD Display.....										ICL7126CPL	<b>396-850</b>
7126	TEL	40	3½ Digits, Integrating, CMOS, Single chip, Low Power, Drives LCD Display.....										TC7126CPL	<b>270-453</b>
7135	TI	28	4½ Digits, Integrating, CMOS, multiplexed BCD output.....										ICL7135CN	<b>396-874</b>
7135	INTS	28	4½ Digits, Integrating, CMOS, multiplexed BCD output.....										ICL7135CPI	<b>396-886</b>
7136	INTS	44	3½ Digits, Integrating, CMOS, Single chip, Low Power, Drives LCD Display.....										ICL7136CM44	<b>SMD 396-904</b>
7136	INTS	40	3½ Digits, Integrating, CMOS, Single chip, Low Power, Drives LCD Display. Enhanced ICL7126.....										ICL7136CPL	<b>396-916</b>
8052	INTS	14	4½ Digits, Analogue Signal Conditioner (use with ICL71C03).....										ICL8052ACPD	<b>396-928</b>
8068	INTS	14	4½ Digits, Dual Slope (use with ICL71C03).....										ICL8068ACDD	<b>396-930</b>
<b>8-bit D/A</b>														
Mfr.	Pins	Linearity Error ±LSB	Settling Time ± 1/2 LSB, μs	Power Dissipation mW (max.)	Features									
08	AD	16	1	0.15	174	M.....	DAC08CP	<b>396-953</b>						
08	AD	16	1	0.15	174	M.....	DAC08CS	<b>SMD 396-965</b>						
08	AD	16	½	0.15	174	M.....	DAC08EP	<b>396-977</b>						
08	AD	16	¼	0.135	174	M.....	DAC08HP	<b>396-989</b>						
0800	NSC	16	½	0.15	174	M.....	DAC0800LCN	<b>397-003</b>						
0808	NSC	16	½	0.15*	305	M.....	DAC0808LCN	<b>397-027</b>						
0832	NSC	20◆	½	1	30	C, L, M.....	DAC0832LCN	<b>397-039</b>						
0832	NSC	20◆	0.2%	1	20	C, D/B, M (PLCC).....	DAC0832LCV	<b>SMD 951-018</b>						
0854	NSC	20◆	1	2.7	95	(QUAD) C, D/B, L, R, S.....	DAC0854CIN	<b>951-055†</b>						
500	MAX	16	1	4.5	842	(Quad) C, D/B, L, V.....	MAX500ACPE	<b>788-922</b>						
513	MAX	14	1	1	800	D/B, V.....	MAX513CPD	<b>787-670</b>						
517	MAX	8	1	6	727	D/B, R, R2R, V.....	MAX517BCPA	<b>789-010</b>						
521	MAX	20◆	1	6	889	D/B, L, R2R, S, V.....	MAX521ACPP	<b>702-675</b>						
533	MAX	16◆	2	6	842	(Quad) C, D/B, R, R2R.....	MAX533BCPE	<b>794-594</b>						
557	AD	16◆	1	1.5	125	L, P, R, V.....	AD557JN	<b>397-118</b>						
558	AD	16◆	½	1.5	75*	L, P, R, V.....	AD558JN	<b>397-120</b>						
1171	INTS	24	¼	0.01*	160	L.....	HI1171JCB	<b>SMD 639-527</b>						
1408	PS	16	½	0.3*	305	M.....	MC1408-8N	<b>397-143</b>						
3338	INTS	16	¾	0.02*	315	C, L, R2R.....	CA3338E	<b>639-515</b>						
5300	AD	8◆	1	4	450	R, R2R, S, V.....	AD5300BRM	<b>SMD 117-020</b>						
5301	AD	6SOT23	0.02	8	0.75	C, V, R2R, Serial I/P.....	AD5301BRT	<b>SMD 334-2773</b>						
5628	INTS	48	1	60MSPS	330	(DUAL) C, (IND TEMP/TQFP).....	HI5628/6IN	<b>SMD 302-5550</b>						
5641	TI	28	0.25	35ns	100	C, P, M, R (100MSPS).....	THS5641AIDW	<b>SMD NEW 355-5884</b>						
5660	INTS	28	¼	0.005	165	C, L, R (IND TEMP).....	HI5660IB	<b>SMD 302-5548</b>						
7226	AD	20◆	1	5	275	(QUAD) C, L, M, P, V.....	AD7226KN	<b>397-180</b>						

◆ Microprocessor Compatible. \*Typical Value.

Key to Features: C = CMOS, D/B = Double-Buffered, L = Latches, M = Multiplying, 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.  
FP Suffix = extended temperature range

† Available until stocks are exhausted

Continued