

National Semiconductor		Digi+Reel		A/D AND D/A CONVERTERS (Continued)	
Digi-Key Part No.	Description	Pkg.	Price Each*		
			1	25	100
ADC108S052C1M1T-ND	8-Channel, 200ksp/s to 500ksp/s, 10-Bit ADC*	16-TSSOP	5.18	3.94	3.01
ADC108S102C1M1T-ND	8-Channel, 500ksp/s to 1MSp/s, 10-Bit ADC*	16-TSSOP	5.38	4.25	3.41
ADC121502C1M1CFT-ND	1-Channel, 200ksp/s, 12-Bit A/D Converter*	SOT-23-6	2.78	2.11	1.61
ADC121502C1M1CFT-ND	1-Channel, 200ksp/s, 12-Bit A/D Converter*	SOT-23-6	1398.60/1,000		
ADC121502C1M1CFT-ND	1-Channel, 200ksp/s, 12-Bit A/D Converter*	6-LLP	2.78	2.11	1.61
ADC121502C1M1CFT-ND	1-Channel, 200ksp/s, 12-Bit A/D Converter*	6-LLP	1398.60/1,000		
ADC121502C1M1CFT-ND	1-Channel, 500ksp/s, 12-Bit A/D Converter*	SOT-23-6	3.60	2.74	2.09
ADC121502C1M1CFT-ND	1-Channel, 500ksp/s, 12-Bit A/D Converter*	SOT-23-6	1814.40/1,000		
ADC121502C1M1CFT-ND	1-Channel, 500ksp/s, 12-Bit A/D Converter*	6-LLP	3.60	2.74	2.09
ADC121502C1M1CFT-ND	1-Channel, 500ksp/s, 12-Bit A/D Converter*	6-LLP	1814.40/1,000		
ADC121502C1M1CFT-ND	1-Channel, 1MSp/s, 12-Bit A/D Converter*	SOT-23-6	4.40	3.35	2.56
ADC121502C1M1CFT-ND	1-Channel, 1MSp/s, 12-Bit A/D Converter*	SOT-23-6	2217.60/1,000		
ADC121502C1M1CFT-ND	1-Channel, 1MSp/s, 12-Bit A/D Converter*	6-LLP	4.40	3.35	2.56
ADC121502C1M1CFT-ND	1-Channel, 1MSp/s, 12-Bit A/D Converter*	6-LLP	2217.60/1,000		
ADC121502C1M1CFT-ND	12-Bit, 50ksp/s to 200ksp/s A/D Converter*	8-MSOP	4.03	3.06	2.34
ADC121502C1M1CFT-ND	12-Bit, 50ksp/s to 200ksp/s A/D Converter*	8-MSOP	2028.60/1,000		
ADC121502C1M1CFT-ND	12-Bit, 200ksp/s to 500ksp/s, Diff. In, MPU ADC*	8-MSOP	4.85	3.69	2.82
ADC121502C1M1CFT-ND	12-Bit, 200ksp/s to 500ksp/s, Diff. In, MPU ADC*	8-MSOP	2444.40/1,000		
ADC122502C1M1CFT-ND	12-Bit, 200ksp/s, 2-Channel A/D Converter	8-MSOP	3.70	2.82	2.15
ADC122502C1M1CFT-ND	12-Bit, 200ksp/s, 2-Channel A/D Converter	8-MSOP	1864.80/1,000		
ADC122502C1M1CFT-ND	12-Bit, 1MSp/s, 2-Channel A/D Converter	8-MSOP	5.80	4.41	3.37
ADC122502C1M1CFT-ND	12-Bit, 1MSp/s, 2-Channel A/D Converter	8-MSOP	2923.20/1,000		
ADC122502C1M1CFT-ND	Dual 12-Bit, 50ksp/s to 200ksp/s, Simultaneous Sampling A/D Converter* NEW!	10-MSOP	5.40	4.27	3.42
ADC122502C1M1CFT-ND	Dual 12-Bit, 50ksp/s to 200ksp/s, Simultaneous Sampling A/D Converter* NEW!	10-MSOP	3186.80/1,000		
ADC122502C1M1CFT-ND	Dual 12-Bit, 200ksp/s to 500ksp/s, Simultaneous Sampling A/D Converter* NEW!	10-MSOP	5.86	4.64	3.72
ADC122502C1M1CFT-ND	Dual 12-Bit, 200ksp/s to 500ksp/s, Simultaneous Sampling A/D Converter* NEW!	10-MSOP	3459.60/1,000		
ADC122502C1M1CFT-ND	Dual 12-Bit, 500ksp/s to 1MSp/s, Simultaneous Sampling A/D Converter*	14-TSSOP	6.87	5.43	4.35
ADC124502C1M1CFT-ND	12-Bit, 200ksp/s, 4-Channel A/D Converter	10-MSOP	4.28	3.25	2.48
ADC124502C1M1CFT-ND	12-Bit, 200ksp/s, 4-Channel A/D Converter	10-MSOP	2154.60/1,000		
ADC124502C1M1CFT-ND	12-Bit, 500ksp/s, 4-Channel A/D Converter	10-MSOP	5.40	4.11	3.14
ADC124502C1M1CFT-ND	12-Bit, 500ksp/s, 4-Channel A/D Converter	10-MSOP	2721.60/1,000		
ADC124502C1M1CFT-ND	12-Bit, 1MSp/s, 4-Channel A/D Converter	10-MSOP	5.50	4.35	3.49
ADC124502C1M1CFT-ND	12-Bit, 1MSp/s, 4-Channel A/D Converter	10-MSOP	3248.80/1,000		
ADC128502C1M1CFT-ND	8-Channel, 50ksp/s to 200ksp/s, 12-Bit ADC*	16-TSSOP	4.98	3.79	2.89
ADC128502C1M1CFT-ND	8-Channel, 200ksp/s to 500ksp/s, 12-Bit ADC*	16-TSSOP	6.18	4.70	3.59
ADC128502C1M1CFT-ND	8-Channel, 500ksp/s to 1MSp/s, 12-Bit ADC*	16-TSSOP	6.34	5.02	4.02
ADC128502C1M1CFT-ND	8-Bit, μ P Compatible A/D Converters, 1/4 LSB*	20-Dip	9.61	8.24	7.31
ADC0802LCN-ND	8-Bit, μ P Compatible A/D Converters, 1/2 LSB*	20-Dip	6.24	4.94	3.96
ADC0802LCN-ND	8-Bit, μ P Compatible A/D Converter, 1/2 LSB*	20-SOIC	6.09	4.82	3.86
ADC0803LCN-ND	8-Bit, A/D Converter, 1/2 LSB*	20-Dip	4.35	3.31	2.53
ADC0804LCN-ND	8-Bit, A/D Converter, 1 LSB*	20-Dip	3.05	2.32	1.77
ADC0804LCN-ND	8-Bit, A/D Converter, 1 LSB*	20-SOIC	2.50	1.90	1.45
ADC0805LCN-ND	8-Bit, A/D Converter, 1 LSB	20-Dip	4.90	3.73	2.85
ADC0808CCV-ND	8-Bit, μ P Compatible ADC with 8-Channel Mux., 1/2 LSB*	28-Dip	5.40	4.27	3.42
ADC0808CCV-ND	8-Bit, A/D Converter with 8-Channel Multiplexer, 1/2 LSB*	28-PLCC	5.93	4.51	3.44
ADC0809CCV-ND	8-Bit, A/D Converter with 8-Channel Multiplexer, 1 LSB*	28-Dip	4.20	3.20	2.44
ADC0809CCV-ND	8-Bit, A/D Converter with 8-Channel Multiplexer, 1 LSB*	28-PLCC	6.05	4.60	3.51
ADC0816CCV-ND	8-Bit, A/D Converter with 16-Channel Multiplexer, 1/2 LSB*	40-Dip	13.00	11.15	8.89
ADC0817CCV-ND	8-Bit, A/D Converter with 16-Channel Multiplexer, 1/2 LSB*	40-Dip	9.11	7.21	5.78
ADC0820CCV-ND	8-Bit, A/D Converter, 1/2 LSB*	20-SOIC	5.85	4.45	3.40
ADC0820CCV-ND	8-Bit, High Speed MPU Compatible A/D Converter, 1 LSB*	20-Dip	4.00	3.04	2.32
ADC0820CCV-ND	8-Bit, High Speed A/D Converter, 1 LSB*	20-SOIC	3.78	2.87	2.19
ADC0831CCV-ND	8-Bit, Serial I/O A/D Converter with Multiplex Options*	8-Dip	2.78	2.11	1.61
ADC0831CCV-ND	8-Bit, Serial I/O A/D Converter with Multiplex Options*	14-SOIC	2.73	2.08	1.59
ADC0832CCV-ND	8-Bit, Serial I/O ADC with Multiplex Options, 2-Channel*	14-SOIC	2.75	2.09	1.60
ADC0832CCV-ND	8-Bit, Serial I/O ADC with Multiplex Options, 2-Channel*	14-SOIC	2.78	2.11	1.61
ADC0834CCV-ND	8-Bit, Serial I/O ADC with Multiplex Options, 4-Channel*	14-Dip	3.40	2.59	1.98
ADC0834CCV-ND	8-Bit, Serial I/O ADC with Multiplex Options, 4-Channel*	14-SOIC	2.98	2.27	1.73
ADC0838CCV-ND	8-Bit, Serial I/O ADC with Multiplex Options, 8-Channel*	20-Dip	2.70	2.06	1.57
ADC0838CCV-ND	8-Bit, Serial I/O ADC with Multiplex Options, 8-Channel*	20-SOIC	2.85	2.17	1.66
ADC0844CCV-ND	8-Bit, μ P Compatible ADC with Mux. Options, 1 LSB*	28-PLCC	5.23	3.98	3.04
ADC0848CCV-ND	8-Bit, μ P Compatible ADC with Mux. Options, 1/2 LSB*	28-PLCC	9.05	7.16	5.74
ADC0848CCV-ND	8-Bit, μ P Compatible ADC with Mux. Options, 1/2 LSB*	24-Dip	6.05	4.79	3.84
ADC0848CCV-ND	8-Bit, μ P Compatible ADC with Mux. Options, 1 LSB*	24-Dip	5.78	4.39	3.35
ADC0848CCV-ND	8-Bit, μ P Compatible ADC with Mux. Options, 1 LSB*	28-PLCC	5.40	4.27	3.42
ADC1173C1M1CFT-ND	8-Bit, 3V, 15MSp/s, A/D Converter*	24-TSSOP	2.98	2.27	1.73
ADC1175C1M1CFT-ND	8-Bit, 50MSp/s, A/D Converter	24-SSOP	4.68	3.56	2.72
ADC08060C1M1CFT-ND	8-Bit, 20-60MSp/s, 1.3mW/MSp/s A/D Converter*	24-TSSOP	4.05	3.08	2.35
ADC08060C1M1CFT-ND	8-Bit, 20-60MSp/s, 1.3mW/MSp/s A/D Converter*	24-TSSOP	4.05	3.08	2.35
ADC08060C1M1CFT-ND	8-Bit, 20-60MSp/s, 1.3mW/MSp/s A/D Converter*	24-TSSOP	5103.00/2,500		
ADC08100C1M1CFT-ND	8-Bit, A/D Converter, 100MSp/s, 1.3mW*	24-TSSOP	8.63	6.83	5.47
ADC08200C1M1CFT-ND	8-Bit, 20-200MSp/s, 1.05mW/MSp/s A/D Converter*	24-TSSOP	12.76	10.94	9.70
ADC0835C1M1CFT-ND	8-Bit, A/D Converter	24-LLP	4.78	3.63	2.77
ADC0835C1M1CFT-ND	8-Bit, A/D Converter	24-LLP	2406.60/1,000		
ADC0835C1M1CFT-ND	8-Bit, A/D Converter	20-TSSOP	4.55	3.46	2.64
ADC08831M1-ND	8-Bit, Serial In/Out A/D Converter, 1-Input*	8-SOIC	2.51	1.87	1.38
ADC08831M1-ND	8-Bit, Serial In/Out A/D Converter, 1-Input*	8-MSOP	2.51	1.87	1.38
ADC08831M1-ND	8-Bit, Serial In/Out A/D Converter, 1-Input*	8-MSOP	1036.80/1,000		
ADC08831M1-ND	8-Bit, Serial In/Out A/D Converter, 1-Input*	8-Dip	2.51	1.87	1.38
ADC08831M1-ND	8-Bit, Serial In/Out A/D Converter, 1-Input*	14-SOIC	2.51	1.87	1.38
ADC08832M1-ND	8-Bit, Serial In/Out A/D Converter, 2-Input*	8-SOIC	2.51	1.87	1.38
ADC08832M1-ND	8-Bit, Serial In/Out A/D Converter, 2-Input*	8-MSOP	2.51	1.87	1.38
ADC08832M1-ND	8-Bit, Serial In/Out A/D Converter, 2-Input*	8-MSOP	1036.80/1,000		
ADC08832M1-ND	8-Bit, Serial In/Out A/D Converter, 2-Input*	8-Dip	2.51	1.87	1.38
ADC08832M1-ND	8-Bit, Serial In/Out A/D Converter	14-SOIC	2.51	1.87	1.38
ADC083000C1M1CFT-ND	8-Bit, 3 GSPS, High Performance, LP A/D Converter*	128-LQFP	978.00		
ADC10030C1M1CFT-ND	10-Bit, A/D Converter	32-LQFP	7.64	6.05	4.85
ADC10040C1M1CFT-ND	10-Bit, A/D Converter	28-TSSOP	7.48	5.91	4.74
ADC10065C1M1CFT-ND	10-Bit, A/D Converter*	28-TSSOP	8.32	6.58	5.27
ADC10080C1M1CFT-ND	10-Bit, A/D Converter*	28-TSSOP	8.99	7.11	5.70
ADC10158C1M1CFT-ND	10-Bit, Plus Sign 4 μ s ADC w/4 or 8-Channel Mux, Track*	28-Dip	5.54	4.39	3.52
ADC10158C1M1CFT-ND	10-Bit, Plus Sign 4 μ s ADC w/4 or 8-Channel Mux, Track	28-SOIC	5.82	4.60	3.69
ADC1032C1M1CFT-ND	10-Bit, A/D Converter*	32-LQFP	5.90	4.67	3.74
ADC10464C1M1CFT-ND	10-Bit, 600nS A/D Converter with Input Mux*	28-SOIC	6.36	5.03	4.03
ADC10664C1M1CFT-ND	10-Bit, 360nS A/D Converter with Input Mux*	28-SOIC	6.18	4.70	3.59
ADC10738C1M1CFT-ND	10-Bit, Serial In/Out A/D Converter*	24-SOIC	5.10	3.88	2.96
ADC12010C1M1CFT-ND	12-Bit, 10MSp/s, A/D Converter*	32-LQFP	9.73	8.34	7.40

Digi-Key Part No.	Description	Pkg.	Price Each*		
			1	25	100
ADC12020C1M1CFT-ND	12-Bit, 20MSp/s, A/D Converter	32-LQFP	14.25	12.21	10.83
ADC12034C1M1CFT-ND	12-Bit, A/D Converter*	24-Dip	9.83	7.77	6.23
ADC12038C1M1CFT-ND	12-Bit, A/D Converter*	28-SOIC	6.51	5.15	4.13
ADC12040C1M1CFT-ND	12-Bit, 40MSp/s, A/D Converter*	32-LQFP	14.96	12.83	11.38
ADC12081C1M1CFT-ND	12-Bit, 5MHz Self-Calibrating A/D Converter*	32-LQFP	9.98	8.55	7.59
ADC12130C1M1CFT-ND	12-Bit, Self-Calibrating A/D Converter Plus Sign Serial I/O*	16-Dip	6.78	5.37	4.30
ADC12138C1M1CFT-ND	12-Bit, Self-Calibrating A/D Converter Plus Sign Serial I/O*	28-Dip	6.62	5.23	4.19
ADC12138C1M1CFT-ND	12-Bit, Self-Calibrating A/D Converter Plus Sign Serial I/O*	28-SOIC	6.62	5.23	4.19
ADC14155C1M1CFT-ND	14-Bit, 155MSp/s, 1.1GHz Bandwidth ADC*	48-LLP	122.25	114.10	105.95
ADC14155C1M1CFT-ND	14-Bit, 155MSp/s, 1.1GHz Bandwidth ADC*	48-LLP	25876.25/250		
ADC57476A1M1CFT-ND	12-Bit, 1MSp/s, A/D Converter*	SOT-23-6	4.63	3.52	2.69
ADC57476A1M1CFT-ND	12-Bit, 1MSp/s, A/D Converter*	SOT-23-6	2312.50/1,000		
ADC57477A1M1CFT-ND	10-Bit, 1MSp/s, A/D Converter*	SOT-23-6	3.63	2.76	2.11
ADC57478A1M1CFT-ND	10-Bit, 1MSp/s, A/D Converter*	SOT-23-6	3.00	2.28	1.74
ADC57478A1M1CFT-ND	8-Bit, 1MSp/s, A/D Converter	SOT-23-6	1512.00/1,000		
ADC58988C1M1CFT-ND	14-Bit, 1MSp/s, Video Analog Front End*	128-PQFP	14.14	12.12	10.75
ADC58988C1M1CFT-ND	170MSp/s Video Analog Front End*	128-PQFP	26.20	15.12	14.04
ADC58988C1M1CFT-ND	20MSp/s Video Analog Front End	128-PQFP	12.65	21.14	19.63
ADC58988C1M1CFT-ND	Low Voltage, 8-Bit Serial In/Out A/D Converter*	8-SOIC	3.05	2.32	1.77
ADC58988C1M1CFT-ND	12-Bit, 70MSp/s Broadband Mono A/D Converter*	48-TSSOP	27.30	25.48	23.66

D/A Converters

DAC081S101C1M1CFT-ND	8-Bit D/A Converter with Rail-to-Rail Output*	6-TSOT	2.36	1.75	1.30
DAC081S101C1M1CFT-ND	8-Bit D/A Converter with Rail-to-Rail Output*	6-TSOT	972.80/1,000		
DAC081S101C1M1CFT-ND	8-Bit D/A Converter with Rail-to-Rail Output*	8-MSOP	2.36	1.75	1.30
DAC081S101C1M1CFT-ND	8-Bit D/A Converter with Rail-to-Rail Output*	8-MSOP	972.80/1,000		
DAC082S085C1M1CFT-ND	8-Bit Micropower Dual DAC with Rail-to-Rail Output*	10-MSOP	2.85	2.17	1.66
DAC082S085C1M1CFT-ND	8-Bit Micropower Dual DAC with Rail-to-Rail Output*	10-MSOP	1436.40/1,000		
DAC084S085C1M1CFT-ND	8-Bit Micropower Quad DAC with Rail-to-Rail Output*	10-MSOP	3.58	2.72	2.08
DAC084S085C1M1CFT-ND	8-Bit Micropower Quad DAC with Rail-to-Rail Output*	10-MSOP	1801.80/1,000		
DAC088S085C1M1CFT-ND	8-Bit Micropower Octal DAC with R/R Output*	16-TSSOP	5.25	4.15	3.33
DAC101S101C1M1CFT-ND	10-Bit D/A Converter with Rail-to-Rail Output*	6-TSOT	3.03	2.30	1.76
DAC101S101C1M1CFT-ND	10-Bit D/A Converter with Rail-to-Rail Output*	6-TSOT	1524.60/1,000		
DAC101S101C1M1CFT-ND	10-Bit D/A Converter with Rail-to-Rail Output*	8-MSOP	3.03	2.30	1.76
DAC101S101C1M1CFT-ND	10-Bit D/A Converter with Rail-to-Rail Output*	8-MSOP	1524.60/1,000		
DAC102S085C1M1CFT-ND	10-Bit Micropower Dual DAC with Rail-to-Rail Output*	10-MSOP	4.28	3.25	2.48
DAC102S085C1M1CFT-ND	10-Bit Micropower Dual DAC with Rail-to-Rail Output*	10-MSOP	2154.60/1,000		
DAC104S085C1M1CFT					