



CONTROLLERS (ETHERNET / I/O / USB / CircLink™ etc.)
(Continued) — RoHS Compliant

SMSC Part No.	Digi-Key Part No.	Description	Pkg.	Price Each*		
				1	25	100
USB3317-CP-TR	638-1062-1-ND	Hi-Speed USB Transceiver, ULPI Interface 26MHz Reference Clock24-QFN	2.44	1.86	1.63	
USB3317-CP-TR	638-1062-2-ND	Hi-Speed USB Transceiver, ULPI Interface 26MHz Reference Clock24-QFN	3020.16	4,000		
USB3317-GJ-TR	638-1063-1-ND	Hi-Speed USB Transceiver, ULPI Interface 26MHz Reference Clock25-VFBGA	2.90	2.21	1.94	
USB3317-GJ-TR	638-1063-2-ND	Hi-Speed USB Transceiver, ULPI Interface 26MHz Reference Clock25-VFBGA	3586.44	4,000		
USB3318-CP-TR	638-1064-1-ND	Hi-Speed USB Transceiver, ULPI Interface 13MHz Reference Clock24-QFN	2.44	1.86	1.63	
USB3318-CP-TR	638-1064-2-ND	Hi-Speed USB Transceiver, ULPI Interface 13MHz Reference Clock24-QFN	3020.16	4,000		
USB3319-CP-TR	638-1065-1-ND	Hi-Speed USB Transceiver, ULPI Interface 13MHz Reference Clock24-QFN	2.44	1.86	1.63	
USB3319-CP-TR	638-1065-2-ND	Hi-Speed USB Transceiver, ULPI Interface 13MHz Reference Clock24-QFN	3020.16	4,000		
USB3319-GJ-TR	638-1066-1-ND	Hi-Speed USB Transceiver, ULPI Interface 13MHz Reference Clock25-VFBGA	2.90	2.21	1.94	
USB3319-GJ-TR	638-1066-2-ND	Hi-Speed USB Transceiver, ULPI Interface 13MHz Reference Clock25-VFBGA	3586.44	4,000		
EVB9118-MINI	638-1036-ND	Evaluation Board for LAN9118 Mini Card	113.26	—	—	
EVB-2502	638-1037-ND	Evaluation Board for USB2502	75.50	—	—	
EVB-EMC1043	638-1039-ND	Evaluation Board for EMC1043	84.94	—	—	
EVB7800C	638-1040-ND	Evaluation Board for LAN8700	212.36	—	—	
EVB-USB2512Q36-BAS	638-1041-ND	Evaluation Board for USB2512/USB2512i	42.47	—	—	
EVB-USB2513Q36-BAS	638-1042-ND	Evaluation Board for USB2513/USB2513i	42.47	—	—	
EVB-USB2514Q36-BAS	638-1043-ND	Evaluation Board for USB2514/USB2514i	42.47	—	—	
EVB-USB2524	638-1044-ND	Evaluation Board for USB2524	80.22	—	—	



A/D AND D/A CONVERTERS

Digi-Key Part No.	Description	Pkg.	Price Each*		
			1	25	100
A/D Converters					
ADC08B200CIVS-ND	8-Bit, 200MSPS, ADC with Capture Buffer*	48-TQFP	39.91	31.74	27.12
ADC08B1020CIBY-ND	8-Bit, Dual 1.0GSPS or Single 2.0GSPS ADC*	128-LQFP	841.75	669.36	571.95
ADC08L060CIMT-ND	8-Bit, 60MSPS, A/D Converter*	24-TSSOP	8.45	6.03	4.40
ADC081C021CIMKCT-ND	12C Compatible, 8-Bit A/D Converter*	6-TSOT	2.40	1.71	1.25
ADC081C021CIMKTR-ND	12C Compatible, 8-Bit A/D Converter*	6-TSOT	911.00	1,000	
ADC081C027CIMKCT-ND	12C Compatible, 8-Bit A/D Converter*	6-TSOT	2.40	1.71	1.25
ADC081C027CIMKTR-ND	12C Compatible, 8-Bit A/D Converter*	6-TSOT	911.00	1,000	
ADC081S021CIMFCT-ND	1-Channel, 200ksp/s, 8-Bit A/D Converter*	SOT-23-6	1.70	1.63	1.57
ADC081S021CIMFTR-ND	1-Channel, 200ksp/s, 8-Bit A/D Converter*	SOT-23-6	1467.00	1,000	
ADC081S021CISDCT-ND	1-Channel, 200ksp/s, 8-Bit A/D Converter*	6-LLP	2.05	1.63	1.39
ADC081S021CISDTR-ND	1-Channel, 200ksp/s, 8-Bit A/D Converter*	6-LLP	1191.00	1,000	
ADC081S051CIMFCT-ND	1-Channel, 500ksp/s, 8-Bit A/D Converter*	SOT-23-6	2.33	1.85	1.58
ADC081S051CIMFTR-ND	1-Channel, 500ksp/s, 8-Bit A/D Converter*	SOT-23-6	1354.00	1,000	
ADC081S051CISDCT-ND	1-Channel, 500ksp/s, 8-Bit A/D Converter*	6-LLP	2.33	1.85	1.58
ADC081S051CISDTR-ND	1-Channel, 500ksp/s, 8-Bit A/D Converter*	6-LLP	1354.00	1,000	
ADC081S101CIMFCT-ND	8-Bit, 1MSPS A/D Converter	SOT-23-6	1.88	1.38	1.06
ADC081S101CIMFTR-ND	8-Bit, 1MSPS A/D Converter	SOT-23-6	993.00	1,000	
ADC081S101CISDCT-ND	8-Bit, 1MSPS A/D Converter	6-LLP	1.53	1.41	1.19
ADC081S101CISDTR-ND	8-Bit, 1MSPS A/D Converter	6-LLP	1020.00	1,000	
ADC082S021CIMMCT-ND	2-Channel, 200ksp/s, 8-Bit A/D Converter*	8-MSOP	1.91	1.83	1.76
ADC082S021CIMMTR-ND	2-Channel, 200ksp/s, 8-Bit A/D Converter*	8-MSOP	1649.00	1,000	
ADC082S051CIMMCT-ND	2-Channel, 500ksp/s, 8-Bit A/D Converter*	8-MSOP	2.84	2.26	1.93
ADC082S051CIMMTR-ND	2-Channel, 500ksp/s, 8-Bit A/D Converter*	8-MSOP	1652.00	1,000	
ADC082S101CIMMCT-ND	2-Channel, 1MSPS, 8-Bit A/D Converter*	8-MSOP	3.53	2.81	2.40
ADC082S101CIMMTR-ND	2-Channel, 1MSPS, 8-Bit A/D Converter*	8-MSOP	2054.00	1,000	
ADC084S021CIMMCT-ND	4-Channel, 200ksp/s, 8-Bit A/D Converter*	10-MSOP	2.82	2.01	1.46
ADC084S021CIMMTR-ND	4-Channel, 200ksp/s, 8-Bit A/D Converter*	10-MSOP	1068.00	1,000	
ADC084S051CIMMCT-ND	4-Channel, 500ksp/s, 8-Bit A/D Converter*	10-MSOP	3.22	2.56	2.19
ADC084S051CIMMTR-ND	4-Channel, 500ksp/s, 8-Bit A/D Converter*	10-MSOP	1875.00	1,000	
ADC084S101CIMMCT-ND	4-Channel, 1MSPS, 8-Bit A/D Converter*	10-MSOP	4.04	3.21	2.75
ADC084S101CIMMTR-ND	4-Channel, 1MSPS, 8-Bit A/D Converter*	10-MSOP	2352.00	1,000	
ADC088S022CIMT-ND	8-Channel, 50ksp/s to 200ksp/s, 8-Bit ADC*	16-TSSOP	2.88	2.77	2.65
ADC088S052CIMT-ND	8-Channel, 200ksp/s to 500ksp/s, 8-Bit ADC*	16-TSSOP	3.94	3.13	2.68
ADC088S102CIMT-ND	8-Channel, 500ksp/s to 1MSPS, 8-Bit ADC*	16-TSSOP	4.86	3.87	3.30
ADC10D020CIVS-ND	Dual 10-Bit, 20MSPS, 150mW A/D Converter*	48-TQFP	11.54	9.18	7.84
ADC10D040CIVS-ND	Dual 10-Bit, 40MSPS, 267mW A/D Converter*	48-TQFP	15.81	12.57	10.74
ADC11L066CIVS-ND	Dual 11-Bit, 66MSPS, 450MHz Bandwidth ADC*	64-TQFP	29.17	23.19	19.82
ADC11L066CIVS-ND	Dual 11-Bit, 66MSPS, 450MHz Bandwidth ADC*	32-LQFP	41.45	32.96	28.16
ADC12C080CISQECT-ND	12-Bit, 80MSPS, A/D Converter*	32-LLP	46.31	36.82	31.47
ADC12C080CISQETR-ND	12-Bit, 80MSPS, A/D Converter*	32-LLP	7417.50	250	
ADC12C105CISQECT-ND	12-Bit, 105MSPS, A/D Converter*	32-LLP	67.62	48.30	35.22
ADC12C105CISQETR-ND	12-Bit, 105MSPS, A/D Converter*	32-LLP	7285.00	250	
ADC12C170CISQECT-ND	12-Bit, 170MSPS, 1.1GHz Bandwidth ADC*	48-LLP	95.18	78.68	64.67
ADC12C170CISQETR-ND	12-Bit, 170MSPS, 1.1GHz Bandwidth ADC*	48-LLP	15247.50	250	
ADC12D040CIVS-ND	Dual 12-Bit, 40MSPS, A/D Converter*	64-TQFP	31.73	25.23	21.56
ADC12D040CIVS-ND	Dual 12-Bit, 40MSPS, 3V A/D Converter*	64-TQFP	20.75	15.10	14.35
ADC12D066CIVS-ND	Dual 12-Bit, 66MSPS, 3.3V 360mW A/D Converter*	64-TQFP	48.05	34.32	25.02
ADC12D066CIVS-ND	Dual 12-Bit, 66MSPS, 450MHz Input Bandwidth ADC*	64-TQFP	26.28	24.97	23.72
ADC12D080CISQECT-ND	Dual 12-Bit, 80MSPS A/D Converter*	60-LLP	56.84	54.57	52.38
ADC12D080CISQETR-ND	Dual 12-Bit, 80MSPS A/D Converter*	60-LLP	12767.50	250	
ADC12D105CISQECT-ND	Dual 12-Bit, 105MSPS A/D Converter*	60-LLP	98.76	70.54	51.43
ADC12D105CISQETR-ND	Dual 12-Bit, 105MSPS A/D Converter*	60-LLP	10642.50	250	
ADC12L063CIVY-ND	12-Bit, 62MSPS, 354mW A/D Converter with Internal Sample and Hold.....	32-LQFP	39.15	31.13	26.60
ADC12L080CIVY-ND	12-Bit, 80MSPS, 450MHz Bandwidth A/D Converter with Internal Sample and Hold.....	32-LQFP	41.47	33.16	28.34
ADC12V170CISQCT-ND	12-Bit, 170MSPS ADC, LVDS Outputs*	48-LLP	111.21	88.97	64.88
ADC12V170CISQTR-ND	12-Bit, 170MSPS ADC, LVDS Outputs*	48-LLP	13422.50	250	
ADC14C080CISQECT-ND	14-Bit, 80MSPS, A/D Converter*	32-LLP	63.20	50.25	42.94
ADC14C080CISQETR-ND	14-Bit, 80MSPS, A/D Converter*	32-LLP	10122.50	250	
ADC14C105CISQECT-ND	14-Bit, 105MSPS, A/D Converter*	32-LLP	115.66	82.62	60.24
ADC14C105CISQETR-ND	14-Bit, 105MSPS, A/D Converter*	32-LLP	12465.00	250	
ADC14D5080CISQCT-ND	Dual 14-Bit, 80MSPS, A/D Converter*	60-LLP	101.42	72.45	52.83
ADC14D5080CISQTR-ND	Dual 14-Bit, 80MSPS, A/D Converter*	60-LLP	10930.00	250	
ADC14L020CIVY-ND	14-Bit, 20MSPS, 150mW A/D Converter*	32-LQFP	26.24	25.19	24.18

Digi-Key Part No.	Description	Pkg.	Price Each*		
			1	25	100
ADC14L040CIVY-ND	14-Bit, 40MSPS, 235mW A/D Converter*	32-LQFP	33.37	32.04	30.75
ADC14V155CISQCT-ND	14-Bit, 155MSPS, 1.1GHz Bandwidth ADC*	48-LLP	146.82	140.95	135.31
ADC14V155CISQTR-ND	14-Bit, 155MSPS, 1.1GHz Bandwidth ADC*	48-LLP	32982.50	250	
ADC78H98CIMT-ND	12-Bit, 7-Channel, 500ksp/s, A/D Converter*	16-TSSOP	4.63	3.68	3.15
ADC78H98CIMT-ND	12-Bit, 8-Channel, 500ksp/s, A/D Converter*	16-TSSOP	6.58	5.23	4.47
ADC101C021CIMKCT-ND	12C Compatible, 10-Bit A/D Converter*	6-TSOT	2.82	2.01	1.46
ADC101C021CIMKTR-ND	12C Compatible, 10-Bit A/D Converter*	6-TSOT	1068.00	1,000	
ADC101C027CIMKCT-ND	12C Compatible, 10-Bit A/D Converter*	6-TSOT	2.82	2.01	1.46
ADC101C027CIMKTR-ND	12C Compatible, 10-Bit A/D Converter*	6-TSOT	1068.00	1,000	
ADC101S021CIMFCT-ND	1-Channel, 200ksp/s, 10-Bit A/D Converter*	SOT-23-6	2.05	1.97	1.89
ADC101S021CIMFTR-ND	1-Channel, 200ksp/s, 10-Bit A/D Converter*	SOT-23-6	1769.00	1,000	
ADC101S051CIMFCT-ND	1-Channel, 500ksp/s, 10-Bit A/D Converter*	6-LLP	2.28	1.81	1.55
ADC101S051CIMFTR-ND	1-Channel, 500ksp/s, 10-Bit A/D Converter*	6-LLP	1325.00	1,000	
ADC101S051CISDCT-ND	1-Channel, 500ksp/s, 10-Bit A/D Converter*	SOT-23-6	2.87	2.28	1.95
ADC101S051CISDTR-ND	1-Channel, 500ksp/s, 10-Bit A/D Converter*	SOT-23-6	1667.00	1,000	
ADC101S051CISQCT-ND	1-Channel, 500ksp/s, 10-Bit A/D Converter*	6-LLP	2.87	2.28	1.95
ADC101S051CISQTR-ND	1-Channel, 500ksp/s, 10-Bit A/D Converter*	6-LLP	1667.00	1,000	
ADC101S101CIMFCT-ND	10-Bit, 1MSPS, A/D Converter	SOT-23-6	1.94	1.47	1.35
ADC101S101CIMFTR-ND	10-Bit, 1MSPS, A/D Converter	SOT-23-6	1180.00	1,000	
ADC101S101CISDCT-ND	10-Bit, 1MSPS, A/D Converter*	6-LLP	3.45	2.75	2.35
ADC101S101CISDTR-ND	10-Bit, 1MSPS, A/D Converter*	6-LLP	2009.00	1,000	
ADC104S021CIMMCT-ND	10-Bit, 200ksp/s, 4-Channel A/D Converter*	10-MSOP	3.08	2.96	2.84
ADC104S021CIMMTR-ND	10-Bit, 200ksp/s, 4-Channel A/D Converter*	10-MSOP	2659.00	1,000	
ADC104S051CIMMCT-ND	10-Bit, 500ksp/s, 4-Channel A/D Converter*	10-MSOP	4.40	3.50	2.99
ADC104S051CIMMTR-ND	10-Bit, 500ksp/s, 4-Channel A/D Converter*	10-MSOP	2560.00	1,000	
ADC104S101CIMMCT-ND	10-Bit, 1MSPS, 4-Channel A/D Converter	10-MSOP	5.55	4.41	3.77
ADC104S101CIMMTR-ND	10-Bit, 1MSPS, 4-Channel A/D Converter	10-MSOP	3230.00	1,000	
ADC108S022CIMT-ND	8-Channel, 50ksp/s to 200ksp/s, 10-Bit ADC*	16-TSSOP	4.27	3.40	2.90
ADC108S022CIMT-ND	8-Channel, 200ksp/s to 500ksp/s, 10-Bit ADC*	16-TSSOP	5.30	4.21	3.60
ADC108S102CIMT-ND	8-Channel, 500ksp/s to 1MSPS, 10-Bit ADC*	16-TSSOP	6.55	5.21	4.45
ADC121S021CIMMCT-ND	1-Channel, 200ksp/s, 12-Bit A/D Converter*	SOT-23-6	2.55	2.45	2.35
ADC121S021CIMMTR-ND	1-Channel, 200ksp/s, 12-Bit A/D Converter*	SOT-23-6	2200.00	1,000	
ADC121S051CIMMCT-ND	1-Channel, 500ksp/s, 12-Bit A/D Converter*	6-LLP	2.55	2.45	2.35
ADC121S051CIMMTR-ND	1-Channel, 500ksp/s, 12-Bit A/D Converter*	6-LLP	2200.00	1,000	
ADC121S051CISDCT-ND	1-Channel, 500ksp/s, 12-Bit A/D Converter*	SOT-23-6	3.68	2.93	2.50
ADC121S051CISDTR-ND	1-Channel, 500ksp/s, 12-Bit A/D Converter*	SOT-23-6	2143.00	1,000	
ADC121S051CISQCT-ND	1-Channel, 500ksp/s, 12-Bit A/D Converter*	6-LLP	3.68	2.93	2.50
ADC121S051CISQTR-ND	1-Channel, 500ksp/s, 12-Bit A/D Converter*	6-LLP	2143.00	1,000	
ADC121S101CIMMCT-ND	1-Channel, 1MSPS, 12-Bit A/D Converter*	SOT-23-6	4.50	3.58	3.06
ADC121S101CIMMTR-ND	1-Channel, 1MSPS, 12-Bit A/D Converter*	SOT-23-6	2619.00	1,000	
ADC121S101CISDCT-ND	1-Channel, 1MSPS, 12-Bit A/D Converter*	6-LLP	4.50	3.58	3.06
ADC121S101CISDTR-ND	1-Channel, 1MSPS, 12-Bit A/D Converter*	6-LLP	2619.00	1,000	
ADC121S625CIMMCT-ND	12-Bit, 50ksp/s to 200ksp/s A/D Converter*	8-MSOP	4.12	3.28	2.80
ADC121S625CIMMTR-ND	12-Bit, 50ksp/s to 200ksp/s A/D Converter*	8-MSOP	2936.00	1,000	
ADC121S655CIMMCT-ND	12-Bit, 200ksp/s to 500ksp/s, Diff. Input, MPU ADC*	8-MSOP	4.96	3.95	3.37
ADC121S655CIMMTR-ND	12-Bit, 200ksp/s to 500ksp/s, Diff. Input, MPU ADC*	8-MSOP	2887.00	1,000	
ADC122S021CIMMCT-ND	12-Bit, 200ksp/s, 2-Channel A/D Converter	8-MSOP			