

TEXAS INSTRUMENTS		Digi+Reel® (Cont.)		DATA CONVERSION			RoHS Compliant Parts Available		
T.I. Part No.	Digi-Key Part No.	Description	Pkg.	Price Each*					
				1	25	100			
TLV2545IDGK	296-2985-5-ND	12-Bit, 140/200kSPS, 2-Channel 2.7V-5.5V Serial ADC	8-MSOP	8.47	6.95	6.27			
TLV2548CDW	296-2204-5-ND	12-Bit, 200kSPS, 8-Ch. LP, Serial ADC w/Autopower-Down	20-SOIC	10.72	9.02	8.29			
TLV2548IDW	296-2986-5-ND	12-Bit, 200kSPS, 8-Ch. LP, Serial ADC w/Autopower-Down	20-SOIC	11.36	9.56	8.78			
TLV2548IPW	296-2987-5-ND	12-Bit, 200kSPS, 8-Ch. LP, Serial ADC w/Autopower-Down	20-TSSOP	11.36	9.56	8.78			
TLV2548MPWREP	296-25315-1-ND	12-Bit, 200kSPS, 8-Ch. LP, Serial ADC w/Autopower-Down*	20-TSSOP	18.43	15.63	14.43			
TLV2548MPWREP	296-25315-2-ND	12-Bit, 200kSPS, 8-Ch. LP, Serial ADC w/Autopower-Down*	20-TSSOP	20433.58/2,000					
TLV2548QDW	296-13366-5-ND	12-Bit, 200kSPS, 8-Ch. LP, Serial ADC w/Autopower-Down	20-SOIC	10.90	9.17	8.43			
TLV2553IDW	296-12227-5-ND	12-Bit, 11-Channel, LP Serial ADC	20-SOIC	8.47	6.95	6.27			
TLV2553IDWRQ1	296-24106-1-ND	12-Bit, 11-Channel, LP Serial ADC	20-SOIC	8.76	7.27	6.61			
TLV2553IPW	296-15633-5-ND	12-Bit, 11-Channel, LP Serial ADC	20-TSSOP	8.47	6.95	6.27			
TLV2556EVM	296-20581-ND	Evaluation Module for TLV2556	—	40.79	—	—			
TLV2556IDW	296-12502-5-ND	12-Bit, 11-Channel, LP Serial ADC with Internal Reference	20-SOIC	8.88	7.29	6.58			
TLV2556IPW	296-13000-5-ND	12-Bit, 11-Channel, LP Serial ADC with Internal Reference	20-TSSOP	8.88	7.29	6.58			
TLV2556MPWREP	296-23986-1-ND	12-Bit, 11-Channel, LP Serial ADC with Internal Reference	20-TSSOP	13.49	11.44	10.56			
TLV2556MPWREP	296-23986-2-ND	12-Bit, 11-Channel, LP Serial ADC with Internal Reference	20-TSSOP	14956.54/2,000					
TLV5535EVM	296-10731-ND	Evaluation Module for TLV5535	—	83.44	—	—			
TLV5535IPW	296-2206-5-ND	8-Bit, 35MSPS 1-Ch. 3.3V LP ADC	28-TSSOP	7.43	6.10	5.51			
TLV5580CDW	296-1912-5-ND	8-Bit, 80MSPS 1-Ch. 3.3V LP ADC	28-SOIC	23.89	20.31	18.82			
TLV5580CPW	296-1913-5-ND	8-Bit, 80MSPS 1-Ch. 3.3V LP ADC	28-TSSOP	27.53	23.40	21.68			
TLV5580IDW	296-1914-5-ND	8-Bit, 80MSPS 1-Ch. 3.3V LP ADC	28-SOIC	25.49	21.67	20.07			
TLV5580IPW	296-1915-5-ND	8-Bit, 80MSPS 1-Ch. 3.3V LP ADC	28-TSSOP	25.49	21.67	20.07			
TLV5734PAG	296-12955-5-ND	8-Bit, 30MSPS 3-Ch. 3.3V, Very Low Power ADC	64-TQFP	8.81	8.05	7.26			
TSC2003EVM	296-21196-ND	Evaluation Module for TSC2003	—	41.31	—	—			
TSC2003EVM-PDK	296-21197-ND	Evaluation Kit for TSC2003	—	125.57	—	—			
TSC2003IPW	296-14330-5-ND	12-Bit Touch Screen Controller	16-TSSOP	5.58	4.58	4.13			
TSC2003IZCR	296-21992-1-ND	12-Bit Touch Screen Controller	48-BGA	5.58	4.56	4.09			
TSC2004IYZKR	296-23108-1-ND	1.2V-3.6V, 12-Bit, Nanopower, 4-Wire Touch Screen Controller	24-DSBGA	5.45	4.46	4.00			
TSC2005IYZLT	296-21431-1-ND	1.6V-3.6V, 12-Bit, Nanopower, 4-Wire Touch Screen Controller	28-DSBGA	5.58	4.64	4.22			
TSC2005IYZLT	296-21431-2-ND	1.6V-3.6V, 12-Bit, Nanopower, 4-Wire Touch Screen Controller	28-DSBGA	895.29/250					
TSC2007IPW	296-21716-5-ND	1.2V-3.6V, 12-Bit, Nanopower, 4-Wire Touch Screen Controller	16-TSSOP	4.07	3.28	2.99			
TSC2007IYZGT	296-21717-1-ND	1.2V-3.6V, 12-Bit, Nanopower, 4-Wire Touch Screen Controller	12-DSBGA	4.68	3.83	3.44			
TSC2007IYZGT	296-21717-2-ND	1.2V-3.6V, 12-Bit, Nanopower, 4-Wire Touch Screen Controller	12-DSBGA	722.22/250					
TSC2008IRGVT	296-24240-1-ND	1.2V-3.6V, 12-Bit, Nanopower, 4-Wire Touch Screen Ctr.	16-QFN	5.08	4.15	3.73			
TSC2008IRGVT	296-24240-2-ND	1.2V-3.6V, 12-Bit, Nanopower, 4-Wire Touch Screen Ctr.*	16-QFN	783.35/250					
TSC2017IYZGR	296-25631-1-ND	1.6V-3.6V, 12-Bit, Nanopower, 4-Wire Touch Screen Ctr.*	12-DSBGA	4.06	3.32	2.99			
TSC2017IYZGR	296-25631-2-ND	1.6V-3.6V, 12-Bit, Nanopower, 4-Wire Touch Screen Ctr.*	12-DSBGA	5405.17/3,000					
TSC2046EIPW	296-21997-5-ND	16-VQFN Touch Screen Controller	16-TSSOP	5.15	4.15	3.78			
TSC2046IRGVT	296-21998-1-ND	16-VQFN Touch Screen Controller	16-VQFN	5.53	4.52	4.06			
TSC2046IRGVT	296-21998-2-ND	16-VQFN Touch Screen Controller	16-VQFN	852.12/250					
TSC2046EVM	296-17516-ND	Evaluation Module for TSC2046	—	41.31	—	—			
TSC2046EVM-PDK	296-17518-ND	Evaluation Module for TSC2046-PDK	—	125.57	—	—			
TSC2046IPWR	296-15049-1-ND	16-VQFN Touch Screen Controller	16-TSSOP	2.54	1.97	1.79			
TSC2046IPWR	296-15049-2-ND	16-VQFN Touch Screen Controller	16-TSSOP	2453.52/2,500					
TSC2046IRGVR	296-15050-1-ND	16-VQFN Touch Screen Controller	16-VQFN	2.66	2.06	1.87			
TSC2100EVM	296-19021-ND	Evaluation Module for TSC2100	—	83.44	—	—			
TSC2100IDA	296-15903-5-ND	Prog. Touch Screen Controller	32-TSSOP	7.64	6.27	5.66			
TSC2100IRHB	296-17926-ND	Prog. Touch Screen Controller	32-QFN	6.64	6.27	5.66			
TSC2101EVM	296-16858-ND	Touch Screen Cont. Eval. Module	—	83.44	—	—			
TSC2101IRGZ	296-17512-ND	Audio Codec w/Integrated Headphone Speaker, Amp/Touch Screen Ctr.	48-VQFN	9.29	7.63	6.88			
TSC2102IDA	296-15679-5-ND	Programmable Touch Screen Controller with Audio DAC	32-TSSOP	6.20	5.09	4.59			
TSC2200EVM	296-13596-ND	Evaluation Module for TSC2200	—	83.44	—	—			
TSC2200IPW	TSC2200IPW-ND	Prog. Touch Screen Cont. w/12-Bit, 125kHz ADC and Keypad Interface	28-TSSOP	5.99	4.92	4.44			
TSC2200IRHB	296-16693-5-ND	Prog. Touch Screen Cont. w/12-Bit, 125kHz ADC and Keypad Interface	32-VQFN	5.99	4.92	4.44			
TSC2300IPAG	296-14060-ND	Programmable Touch Screen Controller with Audio Codec	64-TQFP	9.72	8.18	7.52			
TSC2301EVM	296-19022-ND	Evaluation Module for TSC2301	—	125.57	—	—			
TSC2301IPAG	296-15680-ND	Programmable Touch Screen Controller with Audio Codec	64-TQFP	10.18	8.56	7.87			
TSC2302IRGZ	296-19023-ND	Prog. Touch Screen Controller	48-VQFN	10.00	8.41	7.73			
TSC2301IZOZ	296-21290-ND	Prog. Touch Screen Controller	120-BGA	10.18	8.56	7.87			
VSP1021PFB	296-12700-ND	10-Bit, Low Power Analog-Signal Processor/Digitizer	48-TQFP	8.16	6.69	6.04			
HPA-MCUINTERFACE	296-20848-ND	Interface Board for HPA-MCU	—	41.31	—	—			

Audio Analog-to-Digital Converters

AFE8220TP2P01	296-25259-ND	Dual IF Analog Front End for Digital Radio*	100-HTQFP	44.80	39.53	37.56			
AFE8221IRFP01	296-24146-ND	IF Analog Front End for Digital Radio*	144-HTQFP	55.89	49.32	46.86			
AFEDR18201PFB	296-21570-2-ND	IF ADC Front End for AM/FM and HD Radios	48-TQFP	106170.37/2,000					
DF1706E	DF1706E-ND	Digital Filter for PCM1704	28-SSOP	26.96	22.92	21.24			
DF1760P	DF1760P-ND	Digital Filter for PCM1760	28-Dip	27.79	23.63	21.89			
DF1760U	DF1760U-ND	Digital Filter for PCM1760	20-SOP	27.79	23.63	21.89			
DR18201PFB	296-21570-1-ND	IF ADC Front End for AM/FM and HD Radios	48-TQFP	72.99	64.15	60.83			
PCM1800E	PCM1800E-ND	Single-Ended 20-Bit, Stereo ADC	24-SSOP	6.82	5.59	5.05			
PCM1801U	PCM1801U-ND	16-Bit, Stereo Audio ADC	14-SOIC	6.40	5.25	4.74			
PCM1802DB	PCM1802DB-ND	24-Bit, 96kHz Delta-Sigma Stereo ADC	20-SSOP	8.26	6.78	6.12			
PCM1802DBR	296-26304-1-ND	24-Bit, 96kHz Stereo ADC	20-SSOP	7.34	6.09	5.54			
PCM1802DBR	296-26304-2-ND	24-Bit, 96kHz Stereo ADC*	20-SSOP	7195.33/2,000					

* RoHS Compliant

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(Continued)

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T.I. Part No.	Digi-Key Part No.	Description	Pkg.	Price Each*					
				1	25	100			
PCM1803ADB	296-19473-5-ND	Single Ended, Analog Input 24-Bit, 96kHz Stereo ADC	20-SSOP	2.96	2.38	2.17			
PCM1803DB	296-17658-5-ND	Single Ended, Analog Input 24-Bit, 96kHz Stereo ADC	20-SSOP	3.15	2.53	2.31			
PCM1804DB	PCM1804DB-ND	24-Bit, 192kHz Delta-Sigma Stereo ADC	28-SSOP	9.81	8.05	7.26			
PCM1807PW	296-18703-5-ND	Single-Ended Analog-Input 24-Bit, 96kHz, Stereo ADC	14-TSSOP	2.78	2.24	2.04			
PCM1808PWR	296-19773-5-ND	24-Bit, 96kHz, Stereo ADC	14-TSSOP	2.78	2.24	2.04			
PCM1808PWR	296-26307-1-ND	Single-Ended Analog-Input 24-Bit, 96kHz, Stereo ADC*	14-TSSOP	2.48	2.03	1.82			
PCM1808PWR	296-26307-2-ND	Single-Ended Analog-Input 24-Bit, 96kHz, Stereo ADC*	14-TSSOP	2197.43/2,000					
PCM1850PJT	296-16929-ND	24-Bit, 96kHz, Stereo ADC	32-TQFP	13.09	11.01	10.12			
PCM1851APJT	296-21586-ND	24-Bit, 96kHz, Stereo ADC	32-TQFP	10.54	8.87	8.15			
PCM1851PJT	296-16930-ND	24-Bit, 96kHz, Stereo ADC	32-TQFP	13.09	11.01	10.12			
PCM1870RHFR	296-21941-1-ND	16-Bit LP Stereo Audio ADC	24-QFN	4.21	3.45	3.09			
PCM1870RHFR	296-21941-2-ND	16-Bit LP Stereo Audio ADC	24-QFN	5603.44/3,000					
PCM4201EVM	296-20983-ND	Evaluation Module for PCM4201	—	83.44	—	—			
PCM4201PW	296-18031-5-ND	24-Bit, LP, Single Ch. Audio ADC	16-TSSOP	6.20	5.09	4.59			
PCM4202DB	296-26308-5-ND	High-Perf. 24-Bit, 216kHz Sampling Stereo Audio ADC*	28-SSOP	10.81	9.10	8.36			
PCM4202EVM	296-17597-ND	Evaluation Module for PCM4202	—	167.70	—	—			
PCM4202IDBREP	296-22195-1-ND	High-Perf. 24-Bit, 216kHz Sampling Stereo Audio ADC	28-SSOP	14.25	12.09	11.16			
PCM4204EVM	296-18513-ND	Evaluation Module for PCM4204	—	167.70	—	—			
PCM4222PFB	296-21703-1-ND	2-Channel, 24-Bit, 216kHz ADC	48-TQFP	24.70	22.24	20.38			
PCM4222PFB	296-21703-2-ND	2-Channel, 24-Bit, 216kHz ADC	48-TQFP	16055.25/1,000					
DSB Compatible Analog-to-Digital Converter									
AFE5804ZCF	296-23768-ND	8-Ch. Analog Front End for Ultrasound	135-BGA	69.66	62.04	58.78			
AFE5805ZCF	296-23582-ND	8-Ch. Analog Front End for Ultrasound	135-BGA	67.01	59.69	56.55			
Digital-to-Analog Converters									
DAC712P	DAC712P-ND	16-Bit, DAC (16-Bit Bus Interface)	28-Dip.3	24.02	20.42	18.92			
DAC712PB	DAC712PB-ND	16-Bit, DAC (16-Bit Bus Interface)	28-Dip	31.39	26.69	24.73			
DAC712PK	DAC712PK-ND	16-Bit, DAC (16-Bit Bus Interface)	28-Dip	28.00	24.65	22.84			
DAC712U	DAC712U-ND	16-Bit, DAC (16-Bit Bus Interface)	28-SOIC	23.96	20.37	18.87			
DAC712UB	296-14008-5-ND	16-Bit, DAC (16-Bit Bus Interface)	28-SOIC	27.84	23.67	21.93			
DAC712UK	296-26042-5-ND	16-Bit, DAC (16-Bit Bus Interface)*	28-SOIC	25.69	21.84	20.24			
DAC714P	DAC714P-ND	16-Bit, DAC (Serial Data Interface)	16-Dip	27.59	23.46	21.73			
DAC714U	DAC714U-ND	16-Bit, DAC (Serial Data Interface)	16-Dip	27.26	23.18	21.47			
DAC715P	DAC715P-ND	16-Bit, DAC (16-Bit Bus Interface)	28-SOIC	34.95	30.23	28.34			
DAC715U	DAC715U-ND	16-Bit, DAC (16-Bit Bus Interface)	28-SOIC	32.80	27.88	25.83			
DAC715UB	DAC715UB-ND	16-Bit, DAC (16-Bit Bus Interface)	28-SOIC	35.15	30.41	28.51			
DAC715UL	296-24945-5-ND	16-Bit, DAC (16-Bit Bus Interface)*	28-SOIC	41.50	35.89	33.65			
DAC716P	DAC716P-ND	16-Bit, DAC	16-Dip	34.95	30.23	28.34			
DAC716PB	DAC716PB-ND	16-Bit, DAC	16-Dip	38.91	34.44	32.28			
DAC716PK	DAC716PK-ND	16-Bit, DAC	16-Dip	37.09	32.08	30.08			
DAC716U	DAC716U-ND	16-Bit, DAC							