

# TEXAS INSTRUMENTS Analog ICs

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## TEXAS INSTRUMENTS AUDIO ADC

For quantities 500 and up, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	No. of ADCs	Res	SNR (Typ)	# Inputs/ # Outputs	Sampling Rate (Max) (kHz)	Analog Supply	Digital Audio Interface	Control Interface	Digital Supply (up to 5V)	Price Each			
												1	25	100	250
595-PCM4201PW	PCM4201PW	TSSOP-16	1	24	112	1/0	108	5	PCM/DSP	H/W	1.8 - 3.3	5.50	4.40	3.70	3.57
595-PCM1870RHFT	PCM1870RHFT	QFN-24	2	16	90	2/0	50	2.4 - 3.6	LJ, RJ, I2S, DSP	I2C, SPI	1.71 - 3.6	4.50	3.60	2.80	2.66
595-PCM1807PW	PCM1807PW	TSSOP-14	2	24	101	2/0	96	4.5 - 5.5	L, I2S	SPI	2.7 - 3.6	2.47	1.98	1.54	1.46
595-PCM1850APJT	PCM1850APJT	TQFP-32	2	24	101	6x2/2	96	4.5 - 5.5	L, R, I2S	SPI	2.7 - 3.6	8.83	7.95	7.04	6.75
595-PCM1851APJT	PCM1851APJT	TQFP-32	2	24	101	6x2/2	96	4.5 - 5.5	L, R, I2S	I2C	2.7 - 3.6	8.83	7.95	7.04	6.75
595-PCM1803ADB	PCM1803ADB	SSOP-20	2	24	103	2/0	96	4.5 - 5.5	L, R, I2S	H/W	2.7 - 3.6	2.67	2.14	1.66	1.57
595-PCM1802DB	PCM1802DB	SSOP-20	2	24	105	2/0	96	4.5 - 5.5	L, R, I2S	H/W	2.7 - 3.6	7.30	5.84	4.92	4.73
595-PCM1804DB	PCM1804DB	SSOP-28	2	24	112	2/0	192	4.75 - 5.25	L, R, I2S, DSP	H/W	3 - 3.6	8.70	6.96	5.86	5.64
595-PCM1808PW	PCM1808PW	TSSOP-14	2	24	99	2/0	96	4.5 - 5.5	L, I2S	H/W	2.7 - 3.6	2.47	1.98	1.54	1.46
595-PCM4202DB	PCM4202DB	SSOP-28	2	24	118	2/0	216	5	PCM, DSD	H/W	3	10.90	8.72	7.35	7.07
595-PCM4220PFB	PCM4220PFB	TQFP-48	2	24	123	2/0	216	3.8 - 4.2	L, I2S, TDM, DSD	H/W	3 - 3.6	18.27	16.41	14.55	14.00
595-PCM4204PAPT	PCM4204PAPT	HTQFP-64	4	24	118	4/0	216	5	PCM/DSD	H/W	3.3	13.24	11.92	10.57	10.13

## TEXAS INSTRUMENTS AUDIO CODEC

For quantities 500 and up, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	# DACs/ # ADCs	Res	SNR DAC/ SNR ADC (Typ) (dB)	Sampling Rate (Max) (kHz)	Digital Audio Interface	Digital Supply (up to 5V)	IO Supply	Price Each			
										1	25	100	250
595-TLV320AIC1107PW	TLV320AIC1107PW	TSSOP-20	1/1	13	-	8	PCM	2.7 - 3.3	-	6.00	4.80	4.04	3.90
595-TLV320AIC1103PBS	TLV320AIC1103PBS	TQFP-32	1/1	15	-	8	PCM	2.7 - 3.3	-	6.20	4.96	4.18	4.03
595-TLV320AIC10CPFB	TLV320AIC10CPFB	TQFP-48	1/1	16	90/87	22.05	DSP	3 - 3.6	-	5.20	4.16	3.51	3.38
595-TLV320AIC10IPFB	TLV320AIC10IPFB	TQFP-48	1/1	16	90/87	22.05	DSP	3 - 3.6	-	5.13	4.56	3.84	3.70
595-TLV320AIC11IPFB	TLV320AIC11IPFB	TQFP-48	1/1	16	90/87	22.05	DSP	3 - 5.5	1.1 - 3.6	6.50	5.20	4.38	4.22
595-PCM3500E	PCM3500E	SSOP-24	1/1	16	92/88	26	DSP	2.7 - 3.6	-	7.20	5.76	4.84	4.66
595-TLV320AIC12KIDBT	TLV320AIC12KIDBTG4	TSSOP-30	1/1	16	92/84	26	DSP, SMART, TDM	1.65 - 1.95	1.1 - 3.6	4.03	3.24	2.52	2.38
595-TLV320AIC14KIDBT	TLV320AIC14KIDBT	TSSOP-30	1/1	16	92/84	26	DSP, SMART TDM	1.65 - 1.95	1.1 - 3.6	3.38	2.70	2.10	1.99
595-V320AIC3253IRGET	TLV320AIC3253IRGET	2/0	32	100/---	192	L, R, I2S, DSP, TDM	1.26-1.95	1.1 - 3.6	-	8.13	5.85	4.88	4.23
595-PCM2912PJT	PCM2912PJT	TQFP-32	2/1	16	92/92	48	USB	3 - 3.6	5	8.91	7.92	6.68	6.43
595-TLV320AIC26IRHB	TLV320AIC26IRHB	QFN-32	2/1	24	97/92	53	L, R, I2S, DSP	1.525 - 1.95	1.1 - 3.6	6.60	5.28	4.45	4.29
595-TLV320AIC20KIPFB	TLV320AIC20KIPFB	TQFP-48	2/2	16	92/84	26	DSP, SMART TDM	1.65 - 1.95	1.1 - 3.6	5.90	4.72	3.97	3.82
595-TLV320AIC24KIPFB	TLV320AIC24KIPFB	TQFP-48	2/2	16	92/84	26	DSP, SMART TDM	1.65 - 1.95	1.1 - 3.6	5.40	4.32	3.63	3.50
595-PCM3794ARHBT	PCM3794ARHBT	QFN-32	2/2	16	93/90	50	DSP, I2S, L, R	1.71 - 3.6	1.71 - 3.6	9.40	7.52	6.34	6.11
595-PCM2900E	PCM2900E	SSOP-28	2/2	16	96/89	48	USB	4.35 - 5.25	-	8.56	7.71	6.83	6.55
595-PCM2902E	PCM2902E	SSOP-28	2/2	16	96/89	48	USB	4.35 - 5.25	-	9.90	7.92	6.67	6.43
595-PCM2906DB	PCM2906DB	SSOP-28	2/2	16	96/89	48	USB	4.35 - 5.25	-	9.35	8.41	7.46	7.15
595-PCM3000E	PCM3000E	SSOP-28	2/2	18	98/94	48	R, L, I2S, DSP	4.5 - 5.5	-	7.60	6.08	5.12	4.93
595-PCM3001E	PCM3001E	SSOP-28	2/2	18	98/94	48	R, L, I2S, DSP	4.5 - 5.5	-	7.60	6.08	5.12	4.93
595-PCM3003E	PCM3003E	SSOP-24	2/2	20	94/90	48	R, L	2.4 - 3.6	-	7.60	6.08	5.12	4.93
595-TLV320AIC23BIPW	TLV320AIC23BIPW	TSSOP-28	2/2	24	100/90	96	L, R, I2S, DSP	1.42 - 3.6	-	8.20	6.56	5.53	5.33
595-TLV320AIC23BIPWR	TLV320AIC23BIPWR	TSSOP-24	2/2	24	100/90	96	L, R, I2S, DP	1.42-3.6	-	6.84	6.08	5.13	4.94
595-TLV320AIC23BPW	TLV320AIC23BPW	TSSOP-28	2/2	24	100/90	96	L, R, I2S, DSP	1.42 - 3.6	-	7.40	5.92	4.99	4.80
595-TLV320AIC23BPWR	TLV320AIC23BPWR	TSSOP-24	2/2	24	100/90	96	L, R, I2S, DP	1.42-3.6	-	6.03	5.36	4.52	4.35
595-TLV320AIC23BRHD	TLV320AIC23BRHD	QFN-28	2/2	24	100/90	96	L, R, I2S, DSP	1.42 - 3.6	-	7.40	5.92	4.99	4.80
595-TLV320AIC33IRGZR	TLV320AIC33IRGZR	QFN-48	2/2	24	100/90	96	L, R, I2S, DSP, TDM	1.525-1.95	1.1 - 3.6	6.21	5.52	4.65	4.48
595-TLV320AIC31IRHBT	TLV320AIC31IRHBT	QFN-32	2/2	24	100/90	96	DSP, I2S, L, R	1.525 - 1.95	1.1 - 3.6	6.84	6.08	5.13	4.94
595-T320AIC3101IRHBT	TLV320AIC3101IRHBT	QFN-32	2/2	24	100/90	96	DSP, I2S, L, R	1.525 - 1.95	1.1 - 3.6	6.80	5.44	4.59	4.42
595-TLV320C3104IRHBT	TLV320AIC3104IRHBT	QFN-32	2/2	24	100/90	96	L, R, I2S, DSP	1.525 - 1.95	1.1 - 3.6	6.30	5.04	4.25	4.09
595-TLV320C3105IRHBT	TLV320AIC3105IRHBT	QFN-32	2/2	24	100/90	96	DSP, I2S, L, R	1.525 - 1.95	1.1 - 3.6	6.30	5.04	4.25	4.09
595-TLV320AIC32IRHBT	TLV320AIC32IRHBT	QFN-32	2/2	24	100/90	96	DSP, I2S, L, R	1.525 - 1.95	1.1 - 3.6	7.40	5.92	4.99	4.81
595-TLV320AIC31IGQE	TLV320AIC31IGQE	BGA MICROSTAR JR-80	2/2	24	100/90	96	DSP, I2S, L, R, TMD	1.525 - 1.95	1.1 - 3.6	8.10	6.48	5.45	5.25
595-TLC320AD77CDB	TLC320AD77CDB	SSOP-28	2/2	24	100/100	96	R, L, I2S, DSP	3 - 3.6	-	7.00	5.60	4.72	4.54
595-PCM3010DB	PCM3010DB	SSOP-24	2/2	24	104/100	192	R, L, I2S	3 - 3.6	-	8.80	7.04	5.94	5.72
595-PCM3060PW	PCM3060PW	TSSOP-28	2/2	24	105/99	192	I2S, L, R	2.7 - 3.6	-	4.82	3.87	3.01	2.85
595-PCM3052ARTF	PCM3052ARTF	QFN-32	2/2	24	105/101	96	I2S	3 - 3.6	-	6.60	5.28	4.45	4.29
595-TLV320AIC34IZAS	TLV320AIC34IZAS	BGA-87	4/4	24	102/92	96	L, R, I2S, DSP	1.525 - 1.95	1.1 - 3.6	10.01	8.99	7.97	7.67

## TEXAS INSTRUMENTS AUDIO DIGITAL-TO-ANALOG CONVERTERS (DACs)

For quantities 500 and up, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	No. of DACs	Res	SNR (Typ) (dB)	Sampling Rate (Max) (kHz)	# Inputs/ # Outputs	Digital Audio Interface	Control Interface	Analog Supply	Price Each			
											1	25	100	250
595-PCM1702P-K	PCM1702P-K	PDIP-16	1	20	120	768	0/1	-	H/W	±4.75 - 5.25	24.61	22.97	21.33	20.92
595-PCM1704U	PCM1704U	SO-20	1	24	120	768	0/1	-	H/W	±4.75 - 5.25	37.64	35.13	32.62	31.99
595-PCM1774RGPT	PCM1774RGPT	QFN-20	2	16	93	50	0/2	LJ, RJ, I2S, DSP	I2C, SPI	2.4 - 3.6	3.35	2.97	2.31	2.19
595-PCM2704DB	PCM2704DB	SSOP-28	2	16	98	48	0/2	USB	HID	4.35 - 5.25	5.70	4.56	3.84	3.69
595-PCM2704DBR	PCM2704DBR	SSOP-28	2	16	98	48	0/2	USB	HID	3.3 - 5.5	5.10	4.08	3.44	3.31
595-PCM2702E	PCM2702E	SSOP-28	2	16	105	48	0/2	USB	-	4.5 - 5.5	13.59	12.24	10.85	10.39
595-PCM1754DBQG4	PCM1754DBQG4	SSOP-16	2	24	106	192	0/2	R, I2S	H/W	4.5 - 5.5	2.58	2.07	1.61	1.52
595-TLV320DAC32IRHBT	TLV320DAC32IRHBT	QFN-32	2	24	95	96	2/4	DSP, I2S, L, R, TDM	I2C	2.7 - 3.6	5.50	4.40	3.70	3.57
595-TLV320DAC23PW	TLV320DAC23PW	TSSOP-28	2	24	100	96	0/4	DSP, I2S, L, R	I2C, SPI	2.7 - 3.6	4.95	3.96	3.08	2.92
595-PCM1755DBQ	PCM1755DBQ	SSOP-16	2	24	106	192	0/2	L, R, I2S	SPI	4.5 - 5.5	2.58	2.07	1.61	1.52
595-PCM1791ADB	PCM1791ADB	SSOP-28	2	24	113	192	0/2	L, R, I2S, TDMCA, DSD	I2C, SPI	4.5 - 5.5	5.28	4.23	3.29	3.12
595-PCM1792ADB	PCM1792ADB	SSOP-28	2	24	127	192	0/2	L, R, I2C, TDMCA, DSD	SPI, I2C	4.75 - 5.25	16.58	14.92	13.23	12.68
595-PCM1793DB	PCM1793DB	SSOP-28	2	24	113	192	0/2	L, R, I2S	H/W	4.5 - 5.5	5.28	4.23	3.29	3.12
595-PCM1794ADB	PCM1794ADB	SSOP-28	2	24	127	192	0/2	L, R, I2S	H/W	4.75 - 5.25	18.27	16.41	14.55	14.00
595-PCM1794ADBR	PCM1794ADBR	SSOP-28	2	24	127	192	0/2	L, R, I2S	H/W	4.75 - 5.25	16.58	14.92	13.23	12.68
595-PCM1796DB	PCM1796DB	SSOP-28	2	24	123	192	0/2	L, R, ITS, TDMCA, DSD	I2C, SPI	4.75 - 5.25	6.50	5.20	4.38	4.21
595-PCM4104PFBT	PCM4104PFBT	TQFP-48	4	24	118	192	0/2x2	I2S, TDM	H/W, SPI	5	8.67	8.17	7.24	6.94
595-PCM1602APT	PCM1602APT	LQFP-48	6	24	105	192	0/6	L, R, I2S	SPI	4.5 - 5.5	6.20	4.96	4.18	4.03
595-PCM1609APT	PCM1609APT	LQFP-48	8	24	105	192	0/8	L, R, I2S	SPI	4.5 - 5.5	7.10	5.68	4.79	4.61
595-PCM1680DBQ	PCM1680DBQ	SSOP-28	8	24	105	192	0/8	L, R, I2S	I2C, SPI	4.75 - 5.25	3.70	2.97	2.31	2.18
595-PCM1681PWP	PCM1681PWP	HTSSOP-28	8	24	105	200	0/8	L, R, I2S, TDM, DSD	SPI, I2C, HW	4.5 - 5.5	4.15	3.33	2.59	2.45