

TEXAS INSTRUMENTS Analog ICs



Products may be RoHS compliant. Check mouser.com for RoHS status.

AUDIO/DAC ADC

For quantities greater than listed, 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	
DAC																
595-V320DAC3202CYZJR	TLV320DAC3202CYZJR	BGA-20	2/0	24	100	0/2	48	2.3-4.8	L, R, I2S, PCM	I2C	1.65-1.95	4.78	3.50	2.80	2.33	
595-V320DAC3203IRGET	TLV320DAC3203IRGET	VQFN-24	2/0	-	100	2/2	192	1.5-1.95	I2C, SPI	-	1.9-3.6	3.32	3.38	3.06	2.81	
ADC																
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	4.49	3.29	3.00	2.67	
595-PCM1807PW	PCM1807PW	TSSOP-14	2	24	101	2/0	96	4.5-5.5	L, I2S	SPI	2.7-3.6	2.95	2.70	2.16	1.88	
595-PCM1803ADB	PCM1803ADB	SSOP-20	2	24	103	2/0	96	4.5-5.5	L, R, I2S	H/W	2.7-3.6	3.31	3.03	2.42	2.10	
595-PCM1802DB	PCM1802DB	SSOP-20	2	24	105	2/0	96	4.5-5.5	L, R, I2S	H/W	2.7-3.6	6.49	6.04	4.10	4.01	
595-PCM1804DB	PCM1804DB	SSOP-28	2	24	112	2/0	192	4.75-5.25	L, R, I2S, DSP	H/W	3-3.6	10.45	9.73	8.78	8.07	
595-PCM1808PW	PCM1808PW	TSSOP-14	2	24	99	2/0	96	4.5-5.5	L, I2S	H/W	2.7-3.6	2.83	2.58	2.06	1.79	
595-PCM4202DB	PCM4202DB	SSOP-28	2	24	118	2/0	216	5	PCM, DSD	H/W	3.3	11.51	11.00	8.26	8.09	
595-PCM4204PAPT	PCM4204PAPT	HTQFP-64	4	24	118	4/0	216	5	PCM/DSD	H/W	3.3	21.05	15.05	13.73	12.20	

DIGITAL AUDIO TRANSCEIVER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Jitter (ps)	Sampling Rate (Max.) (kHz)	ADC Res	ADC Sampling Rate (kSPS)	Inputs	Outputs	Price Each			
									1	25	100	250
595-DIX9211PTR	DIX9211PTR	LQFP-48	50	216	-	-	PCM, S/P/DIF	PCM, S/PDIF	7.38	6.04	5.45	5.01
595-PCM9211PT	PCM9211PT	LQFP-48	50	216	24	96	PCM, S/P/DIF, ADC	PCM, S/PDIF	10.45	8.55	6.60	6.18

AUDIO CODEC

For quantities greater than listed, 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	-	7.56	6.94	5.07	4.90
595-PCM3500E	PCM3500E	SSOP-24	1/1	16	92/88	26	DSP	2.7-3.6	-	8.69	8.09	7.30	6.71
595-TLV320AIC12KIDBT	TLV320AIC12KIDBTG4	TSSOP-30	1/1	16	92/84	26	DSP, SMART, TDM	1.65-1.95	1.1-3.6	3.83	3.51	2.71	2.57
595-V320AIC3253IRGET	TLV320AIC3253IRGET	VQFN-24	2/0	32	100/---	192	L, R, I2S, DSP, TDM	1.26-1.95	1.1-3.6	7.79	5.59	5.10	4.53
595-TLV320AIC26IRHB	TLV320AIC26IRHB	QFN-32	2/1	24	97/92	53	L, R, I2S, DSP	1.525-1.95	1.1-3.6	7.26	6.76	6.10	5.61
595-TLV320AIC20KIPFB	TLV320AIC20KIPFB	TOFP-48	2/2	16	92/84	26	DSP, SMART TDM	1.65-1.95	1.1-3.6	7.04	6.56	5.92	5.44
595-TLV320AIC24KIPFB	TLV320AIC24KIPFB	TOFP-48	2/2	16	92/84	26	DSP, SMART TDM	1.65-1.95	1.1-3.6	6.38	5.94	5.36	4.93
595-PCM2906CDB	PCM2906CDB	SSOP-28	2/2	16	93/89	48	USB	-0.3-6.5	-	11.50	8.28	6.90	5.98
595-PCM2900CDB	PCM2900CDB	SSOP-28	2/2	16	96/89	48	USB	3.3-3.5	-	7.35	7.14	6.94	6.40
595-PCM2902CDB	PCM2902CDB	SSOP-28	2/2	16	96/89	48	USB	3.1-3.5	-	7.87	7.65	7.43	6.85
595-PCM2902E	PCM2902E	SSOP-28	2/2	16	96/89	48	USB	4.35-5.25	-	10.40	9.84	7.43	7.28
595-PCM2906DB	PCM2906DB	SSOP-28	2/2	16	96/89	48	USB	4.35-5.25	-	13.46	9.00	8.50	8.33
595-PCM3001E	PCM3001E	SSOP-28	2/2	18	98/94	48	USB	4.5-5.5	-	9.13	8.50	7.67	7.05
595-V320AIC3106IRGZT	TLV320AIC3106IRGZT	QFN-48	2/2	24	92/102	96	L, R, I2S, DSP, TDM	1.65/1.95	1.1/3.6	4.42	4.16	3.49	3.36
595-TLV320AIC23BIPW	TLV320AIC23BIPW	TSSOP-28	2/2	24	100/90	96	L, R, I2S, DSP	1.42-3.6	-	8.90	7.12	6.18	5.78
595-TLV320AIC23BRHD	TLV320AIC23BRHD	QFN-28	2/2	24	100/90	96	L, R, I2S, DSP	1.42-3.6	-	8.10	7.45	5.46	5.25
595-T320AIC3101IRHBT	TLV320AIC3101IRHBT	QFN-32	2/2	24	100/90	96	DSP, I2S, L, R	1.525-1.95	1.1-3.6	7.26	5.93	5.02	4.53
595-TLV320C3104IRHBT	TLV320AIC3104IRHBT	QFN-32	2/2	24	100/90	96	L, R, I2S, DSP	1.525-1.95	1.1-3.6	6.22	5.00	4.55	4.11
595-TLC320AD77CDB	TLC320AD77CDB	SSOP-28	2/2	24	100/100	96	R, L, I2S, DSP	3-3.6	-	8.36	7.79	7.03	6.46
595-PCM3060PW	PCM3060PW	TSSOP-28	2/2	24	105/99	192	I2S, L, R	2.7-3.6	-	5.79	5.28	4.23	3.68
595-PCM3070IRHBT	PCM3070IRHBT	QFN-32	2/2	32	93/100	192	L, R, I2S, TDM, DSP	1.1-3.6	1.8-3.6	8.13	5.85	4.88	4.23
595-V320AIC3212IYZFT	TLV320AIC3212IYZFT	WCSP-81	2/2	32	93/100	192	I2S, TDM, DSP, L&R, PCM	2.7-5.5	-	10.00	7.20	6.00	5.20
595-V320AIC3262IYZFT	TLV320AIC3262IYZFT	BGA-81	2/2	32	93/100	192	I2S, TDM, DSP, L&R, PCM	2.7-5.5	-	9.64	9.12	7.98	7.30
595-TLV320AIC34IZAS	TLV320AIC34IZAS	BGA-87	4/4	24	102/92	96	L, R, I2S, DSP	1.525-1.95	1.1-3.6	6.99	6.64	6.30	6.11

AUDIO LINE DRIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Output Voltage (Typ.) (V)	Storage Temperature (°C)	Supply Voltage (V)	ESD (kV)	Signal to Noise Ratio (dB)	Supply Current (mA)	Price Each			
									1	25	100	250
595-DRV612PW	DRV612PW	TSSOP-14	2.2	-40 to 85	3 to 3.6	8	105	18	1.90	1.75	1.38	1.12
595-DRV632PW	DRV632PW	TSSOP-14	0.001	-40 to 85	3 to 3.6	8	105	25	1.38	1.15	.924	.693

AUDIO DIGITAL-TO-ANALOG CONVERTERS (DACs)

For quantities greater than listed, 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-PCM1774RGPT	PCM1774RGPT	QFN-20	1	24	120	768	0/1	-	H/W	±4.75-5.25	62.75	61.00	59.26	58.00
595-PCM2704CDB	PCM2704CDB	SSOP-28	2	16	98	48	0/2	USB	I2C, SPI	3.3-5	5.94	5.61	4.31	4.22
595-PCM2704DB	PCM2704DB	SSOP-28	2	16	98	48	0/2	USB	HID	4.35-5.25	6.70	5.94	4.31	4.22
595-PCM2705CDB	PCM2705CDB	SSOP-28	2	16	98	48	0/2	USB	HID	5	6.82	5.58	4.31	4.03
595-PCM2702E	PCM2702E	SSOP-28	2	16	105	48	0/2	USB	HID	4.5-5.5	17.19	16.42	12.33	12.08
595-TLV320DAC32IRHBT	TLV320DAC32IRHBT	QFN-32	2	24	95	96	2/4	DSP, I2S, L, R, TDM	I2C	2.7-3.6	4.59	3.75	3.17	2.86
595-PCM1755DBQ	PCM1755DBQ	SSOP-16	2	24	106	192	0/2	L, R, I2S	SPI	4.5-5.5	2.83	2.58	2.06	1.79
595-PCM1791ADB	PCM1791ADB	SSOP-28	2	24	113	192	0/2	L, R, I2S, TDMCA, DSD	I2C, SPI	4.5-5.5	5.61	5.22	4.71	4.33
595-PCM1792ADB	PCM1792ADB	SSOP-28	2	24	127	192	0/2	L, R, I2C, TDMCA, DSD	SPI, I2C	4.75-5.25	19.03	18.19	13.82	13.54
595-PCM1793DB	PCM1793DB	SSOP-28	2	24	113	192	0/2	L, R, I2S	H/W	4.5-5.5	4.84	4.52	3.54	3.47
595-PCM1794ADB	PCM1794ADB	SSOP-28	2	24	127	192	0/2	L, R, I2S	H/W	4.75-5.25	23.90	20.31	16.60	16.26
595-PCM1796DB	PCM1796DB	SSOP-28	2	24	123	192	0/2	L, R, ITS, TDMCA, DSD	I2C, SPI	4.75-5.25	7.81	7.27	6.56	6.03
595-PCM5100PW	PCM5100PW	TSSOP-20	2	32	100	384	0/2	L, I2S	H/W	3.0-3.6	2.77	2.57	2.03	1.94
595-PCM5101PW	PCM5101PW	TSSOP-20	2	32	106	384	0/2	L, I2S	H/W	3.0-3.6	3.65	3.33	2.70	2.35
595-PCM5102PW	PCM5102PW	TSSOP-20	2	32	112	384	0/2	L, I2S	H/W	3.0-3.6	5.50	5.12	4.62	4.25
595-PCM4104PFBT	PCM4104PFBT	TQFP-48	4	24	118	192	0/2x2	I2S, TDM	H/W, SPI	5	12.65	10.72	9.90	8.52

DIGITAL POTENTIOMETERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Supply Current (uA)	Tolerance	Digital Interface	Number of Pots	Temperature Coefficient	Resistance (Ω)	Price Each			
									1	25	100	250
595-TPL0102-100RUCR	TPL0102-100RUCR	QFN-14	2000	20	I2C	Dual	90PPM/C	10K	4.61	3.71	3.28	3.05
595-TPL0202-10MRTER	TPL0202-10MRTER	QFN-16	5	20%	SPI	Dual	132PPM/C	10K	4.74	3.87	3.28	3.16
595-TPL0401A-10DCKR	TPL0401A-10DCKR	SC70-6	2000	20%	I2C	Single	35PPM/C	10K	1.58	1.35	1.13	.675
595-TPL0401B-10DCKR	TPL0401B-10DCKR	SC70-6	2000	20%	I2C	Single	35PPM/C	10K	1.58	1.35	1.13	.675
595-TPL0501-100RSER	TPL0501-100RSER	SOT-23	5	20%	SPI	Single	35PPM/C	100K	2.45	1.89	1.71	1.54
595-TPL0501-100DCNR	TPL0501-100DCNR	SOT23-8	500	20%	SPI	Single	35PPM/C	100K	2.10	1.75	1.40	.98