

TEXAS INSTRUMENTS Analog ICs



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Texas Instruments Analog ICs

ANALOG-TO-DIGITAL CONVERTERS (ADCS) (CONT.)

PRODUCT **NEW**

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Res.	No. of Input Chan.	Architecture	INL (Max) (±LSB)	DNL (Max) (±LSB)	Sample Rate	Consumption (Typ) (mW)	Price Each			
										1	25	100	250
595-ADS1211P	ADS1211P	PDIP-24	24	4	Delta-Sigma	0.0015	-	16kSPS	27.5	27.80	23.63	19.31	18.92
595-ADS1211U	ADS1211U	SOIC-24	24	4	Delta-Sigma	0.0015	1	16kSPS	27.5	30.40	25.84	23.94	22.04
595-ADS1234IPW	ADS1234IPW	TSSOP-28	24	4	Delta-Sigma	0.0002	1	80SPS	2.1	10.78	10.04	9.06	8.33
595-ADS1240E	ADS1240E	SSOP-24	24	4	Delta-Sigma	0.0015	1	15SPS	0.6	10.12	9.43	8.51	7.82
595-ADS1242IPWT	ADS1242IPWT	TSSOP-16	24	4	Delta-Sigma	0.0015	1	15SPS	0.6	8.97	6.83	6.23	6.14
595-ADS1254E	ADS1254E	SSOP-20	24	4	Delta-Sigma	0.0002	1	20kSPS	4.36	15.58	14.89	11.18	10.95
595-ADS1274IPAPT	ADS1274IPAPT	HTQFP-64	24	4	Delta-Sigma	0.0003	1	128kSPS	275	26.27	25.42	23.18	22.21
595-ADS1294CZXGT	ADS1294CZXGT	NFBGA-64	24	4	Delta-Sigma	-	-	32kSPS	0.9	21.27	19.86	18.43	17.93
595-ADS1294IPAG	ADS1294IPAG	TQFP-64	24	4	Delta-Sigma	-	-	32kSPS	0.9	27.90	23.71	19.38	18.99
595-ADS1296IPAG	ADS1296IPAG	TQFP-64	24	6	Delta-Sigma	-	-	32kSPS	0.85	39.90	33.91	27.71	27.15
595-ADS131E06IPAG	ADS131E06IPAG	TQFP-64	24	6	Delta-Sigma	0.002	-	64000kSPS	12	12.85	11.82	10.98	10.07
595-ADS1248IPW	ADS1248IPW	TSSOP-28	24	7	Delta-Sigma	0.0015	1	2kSPS	2.3	11.51	11.00	8.26	8.09
595-ADS1217IPFBT	ADS1217IPFBT	TQFP-48	24	8	Delta-Sigma	0.0015	1	780SPS	0.8	16.56	14.04	12.96	11.70
595-ADS1243IPWT	ADS1243IPWT	TSSOP-20	24	8	Delta-Sigma	0.0015	1	15SPS	0.6	9.84	7.49	6.83	6.73
595-ADS131E08IPAG	ADS131E08IPAG	TQFP-64	24	8	Delta-Sigma	0.002	-	64000kSPS	16	14.70	13.52	12.56	11.52
595-ADS1256IDBT	ADS1256IDBT	SSOP-28	24	8	Delta-Sigma	0.0003	2	30kSPS	36	18.40	13.16	12.00	11.80
595-ADS1278IPAPT	ADS1278IPAPT	HTQFP-64	24	8	Delta-Sigma	0.0003	1	128kSPS	530	48.36	42.24	39.44	33.93
595-ADS1294RIZXGT	ADS1294RIZXGT	NFBGA-64	24	8	Delta-Sigma	-	-	32kSPS	4.1	30.90	27.81	25.49	23.36
595-ADS1296RIZXGT	ADS1296RIZXGT	NFBGA-64	24	8	Delta-Sigma	-	-	32kSPS	5.3	40.76	35.60	33.24	30.88
595-ADS1298IPAG	ADS1298IPAG	TQFP-64	24	8	Delta-Sigma	-	-	32kSPS	0.75	38.16	37.10	36.04	35.27
595-ADS1298RIZXGT	ADS1298RIZXGT	NFBGA-64	24	8	Delta-Sigma	-	-	32kSPS	0.75	52.16	45.56	42.54	39.52
595-ADS1258IRTCT	ADS1258IRTCT	QFN-48	24	16	Delta-Sigma	0.0003	1	128kSPS	35	19.47	18.84	17.18	16.46

DIGITAL-TO-ANALOG CONVERTER EVALUATION MODULES

PRODUCT **NEW**

MOUSER STOCK NO.	TI Part No.	Description	Price Each
595-DAC3152EVM	DAC3152EVM	Evaluation module for the DAC3152, a dual-channel, 10-bit, 500MSPS DAC	203.00
595-DAC3162EVM	DAC3162EVM	Evaluation module for the DAC3162, a dual-channel, 12-bit, 500MSPS DAC	203.00
595-DAC3282EVM	DAC3282EVM	Evaluation board for DAC3282, 16-bit, 625 MSPS	562.92
595-DAC3482EVM	DAC3482EVM	Evaluation board for DAC3482, 16-bit, 1.25 GSPS	562.92
595-DAC34H84EVM	DAC34H84EVM	Evaluation board for DAC34H84, 16-bit, 1.25 GSPS	562.92
595-DAC3484EVM	DAC3484EVM	Evaluation board for the DAC3484, a 4-channel, 16-bit, 1.25GSPS, DAC	509.00
595-DAC5681ZEVM	DAC5681ZEVM	Evaluation board for DAC5681, 16-bit, 1 GSPS	562.92
595-DAC5689EVM	DAC5689EVM	Evaluation board for DAC5689, 16-bit, 800 MSPS	562.92
595-DAC7562EVM	DAC7562EVM	Evaluation board for the DAC7562, a dual 12-bit, low-power, ultra low glitch DAC	55.28
595-DAC7571EVM	DAC7571EVM	Evaluation Module for DAC7571, High-Resolution I2C-Input DAC	50.00
595-DAC7574EVM	DAC7574EVM	Evaluation Module for DAC7574, High-Resolution I2C-Input DAC	50.00
595-DAC8562EVM	DAC8562EVM	Evaluation board for the DAC8562, a dual 16-bit, low-power, ultra low glitch DAC	55.28
595-DAC8565EVM	DAC8565EVM	Evaluation Module for DAC8565, 16-bit High Resolution, Quad-Channel	55.28
595-TPL0102EVM	TPL0102EVM	Evaluation Module for the TPL0102, a dual-channel, 256-Position resolution Pot	32.72

DIGITAL-TO-ANALOG CONVERTERS (DACs)

PRODUCT **NEW**

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Res.	DAC Chan	Architecture	INL (Max) (±LSB)	DNL (Max) (±LSB)	Setting Time	Sample/Update Rate (MSPS)	Power Consumption (Typ) (mW)	Price Each			
											1	25	100	250
595-DAC5571IDBVT	DAC5571IDBVT	SOT-23-6	8	1	String	1	0.25	8	-	0.4	2.77	2.26	2.03	1.94
595-DAC908E	DAC908E	TSSOP-28	8	1	I-steering	0.5	0.5	0.03	200	170	7.70	7.17	6.47	5.95
595-TLC7524CD	TLC7524CD	SOIC-16	8	1	R-2R	0.5	0.5	0.1	10	5	4.09	3.73	2.99	2.60
595-TLC7524CN	TLC7524CN	PDIP-16	8	1	R-2R	0.5	0.5	0.1	10	5	3.58	3.26	2.61	2.28
595-TLC7524CNS	TLC7524CNS	SO-16	8	1	R-2R	0.5	0.5	0.1	10	5	3.46	3.15	2.44	2.32
595-TLC7524EN	TLC7524EN	PDIP-16	8	1	R-2R	0.5	0.5	0.1	10	5	3.52	3.22	2.31	2.26
595-TLC7524ID	TLC7524ID	SOIC-16	8	1	R-2R	0.5	0.5	0.1	10	5	4.46	4.07	3.26	2.83
595-TLC7524IN	TLC7524IN	PDIP-16	8	1	R-2R	0.5	0.5	0.1	10	5	3.87	3.53	2.82	2.45
595-TLV5623IDGK	TLV5623IDGK	MSOP-8	8	1	String	0.5	0.2	3	0.102	2.1	3.05	2.79	2.23	1.94
595-TLC7528CDW	TLC7528CDW	SOIC-20	8	2	R-2R	0.5	0.5	0.1	10	7.5	4.13	3.78	3.02	2.63
595-TLC7528CN	TLC7528CN	PDIP-20	8	2	R-2R	0.5	0.5	0.1	10	7.5	3.37	3.09	2.47	2.16
595-TLC7528EDW	TLC7528EDW	SOIC-20	8	2	R-2R	0.5	0.5	0.1	10	7.5	5.29	4.25	3.40	2.96
595-TLC7528IDW	TLC7528IDW	SOIC-20	8	2	R-2R	0.5	0.5	0.1	10	7.5	5.07	4.07	3.26	2.83
595-TLC7528IN	TLC7528IN	PDIP-20	8	2	R-2R	0.5	0.5	0.1	10	7.5	4.23	2.98	2.71	2.36
595-TLV5626CD	TLV5626CD	SOIC-8	8	2	String	1	0.5	0.8	0.278	4.2	5.39	4.92	3.94	3.43
595-DAC5573IPW	DAC5573IPW	TSSOP-16	8	4	String	0.5	0.25	8	0.188	1.5	6.82	6.35	5.73	5.27
595-TLC5620CN	TLC5620CN	PDIP-14	8	4	String	1	0.9	10	0.048	8	4.55	4.16	3.33	2.90
595-TLC7226CN	TLC7226CN	PDIP-20	8	4	R-2R	1	1	5	0.143	90	5.27	4.81	3.85	3.35
595-TLC7226IN	TLC7226IN	PDIP-20	8	4	R-2R	1	1	5	0.143	90	5.73	5.24	4.19	3.65
595-TLV5620CD	TLV5620CD	SOIC-14	8	4	R-2R	1	0.9	10	0.048	6	2.80	2.56	2.05	1.78
595-TLV5620CN	TLV5620CN	PDIP-14	8	4	R-2R	1	0.9	10	0.048	6	2.68	2.45	1.96	1.70
595-TLV5620ID	TLV5620ID	SOIC-14	8	4	R-2R	1	0.9	10	0.048	6	3.05	2.79	2.23	1.94
595-DAC5578SPW	DAC5578SPW	TSSOP-16	8	8	String	0.25	0.1	7	-	3.4	7.92	7.38	6.66	6.12
595-DAC5578SRGET	DAC5578SRGET	VQFN-24	8	8	String	0.25	0.1	7	-	3.4	7.59	5.68	5.18	4.49
595-TLC5628CN	TLC5628CN	PDIP-16	8	8	String	1	0.9	10	0.045	15	5.61	5.22	4.71	4.33
595-TLV5628CDW	TLV5628CDW	SOIC-16	8	8	String	1	0.9	10	0.045	12	5.65	5.26	4.75	4.36
595-TLV5629IPW	TLV5629IPW	TSSOP-20	8	8	String	1	1	1	0.283	18	7.94	7.40	6.67	6.13
595-TLV5606CDGK	TLV5606CDGK	MSOP-8	10	1	String	1.5	1	3	0.102	0.9	3.70	3.38	2.73	2.38
595-TLV5606IDGK	TLV5606IDGK	MSOP-8	10	1	String	1.5	1	3	0.102	0.9	3.99	3.64	2.92	2.54
595-DAC6311IDCKT	DAC6311IDCKT	SC-70-6	10	1	String	0.5	0.5	6	-	0.14	2.27	1.76	1.59	1.32
595-DAC6571IDBVT	DAC6571IDBVT	SOT-23-6	10	1	String	2	0.5	9	-	160	4.30	3.51	3.38	3.01
595-DAC900E	DAC900E	TSSOP-28	10	1	I-steering	1	0.5	0.03	200	170	9.76	9.10	6.46	6.33
595-TLC5615CD	TLC5615CD	SOIC-8	10	1	String	1	0.5	12.5	0.075	0.75	5.39	4.92	3.94	3.43
595-TLC5615CP	TLC5615CP	PDIP-8	10	1	String	1	0.5	12.5	0.075	0.75	4.46	4.07	3.26	2.83
595-TLC5615IP	TLC5615IP	PDIP-8	10	1	String	1	0.5	12.5	0.075	0.75	4.68	4.27	3.49	2.90
595-DAC3152IRGZT	DAC3152IRGZT	QFN-48	10	2	Delta-Sigma	0.5	0.25	10	500	270	18.00	17.04	14.91	13.64
595-TLV5617ACD	TLV5617ACD	SOIC-8	10	2	String	1	0.5	2.5	0.093	1.8	5.74	5.35	4.82	4.43
595-TLV5637CD	TLV5637CD	SOIC-8	10	2	String	1	0.5	0.8	0.278	4.2	8.25	7.68	6.93	6.37
595-TLV5637ID	TLV5637ID	SOIC-8	10	2	String	1	0.5	0.8	0.278	4.2	10.67	9.94	8.97	8.24
595-DAC6573IPW	DAC6573IPW	TSSOP-16	10	4	String	2	0.5	9	0.188	500	8.14	7.58	6.84	6.29
595-TLV5604CD	TLV5604CD	SOIC-16	10	4	String	1	1	3	0.102	3	9.41	8.77	7.91	7.27
595-TLV5604ID	TLV5604ID	SOIC-16	10	4	String	1	1	3	0.102	3	9.92	9.24	8.34	7.66
595-TLV5608IDW	TLV5608IDW	SOIC-20	10	8	String	2	1	1	0.0283	18	10.85	10.37	7.79	7.63
595-TLV5608IPW	TLV5608IPW	TSSOP-20	10	8	String	2	1	1	0.283	18	10.85	10.37	7.79	7.63
595-DAC6578SPW	DAC6578SPW	TSSOP-16	10	8	String	0.5	0.2	7	-	3.4	10.34	9.63	8.69	7.99
595-TLV5608IPW	TLV5608IPW	TSSOP-20	10	8	String	2	1	1	0.283	18	10.85	10.37	7.79	7.63
595-DAC7311IDCKR	DAC7311IDCKR	SC-70-6	12	1	String	1	1	6	-	0.14	2.89	2.22	2.02	1.67
595-DAC7311IDCKT	DAC7311IDCKT	SC-70-6	12	1	String	1	1	6	-	0.14	2.67	2.44	2.22	2.01
595-DAC7512E/250	DAC7512E/250	MSOP-8	12	1	String	8	1	10	0.095	0.345	4.32	3.53	3.17	3.03

