

TEXAS INSTRUMENTS Analog ICs



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

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Res.	DAC Chann	Architecture	INL (Max) (±LSB)	DNL (Max) (±LSB)	Setting Time	Sample/Update Rate (MSPS)	Power Consumption (Typ) (mW)	Price Each			
											1	25	100	250
595-DAC7512N/250	DAC7512N/250	SOT-23-6	12	1	String	8	1	10	0.095	0.345	4.22	3.44	3.09	2.96
595-DAC7513E/250	DAC7513E/250	MSOP-8	12	1	String	8	1	10	0.095	0.3	4.82	3.94	3.53	3.38
595-DAC7513N/250	DAC7513N/250	SOT-23-8	12	1	String	8	1	10	0.095	0.3	4.71	3.85	3.71	3.31
595-DAC7551DRNT	DAC7551DRNT	SON-12	12	1	String	1	0.5	5	0.5	0.27	4.35	3.55	3.38	3.05
595-DAC7571IDBVT	DAC7571IDBVT	SOT-23-6	12	1	String	4	-	10	0.05	0.85	4.69	3.82	3.69	3.29
595-DAC7821IPW	DAC7821IPW	TSSOP-20	12	1	R-2R	1	1	0.2	10	0.0275	6.93	6.45	4.38	4.29
595-DAC902E	DAC902E	TSSOP-28	12	1	I-steering	2.5	1.75	0.03	200	170	13.93	13.32	10.00	9.80
595-TLV5616CD	TLV5616CD	SOIC-8	12	1	String	4	1	3	0.102	0.9	8.36	7.79	7.03	6.46
595-DAC3162IRGZT	DAC3162IRGZT	QFN-48	12	2	Delta-Sigma	0.5	0.25	10	500	270	23.83	22.56	19.74	18.05
595-DAC7562SDGST	DAC7562SDGST	MSOP-10	12	2	String	0.75	0.25	7	-	0.5	7.68	6.38	5.36	3.87
595-DAC7562SDSCT	DAC7562SDSCT	SON-10	12	2	String	0.75	0.25	7	-	0.5	6.38	5.80	4.93	3.87
595-DAC7563SDGST	DAC7563SDGST	MSOP-10	12	2	String	0.75	0.25	7	-	0.5	7.68	6.38	5.36	3.87
595-DAC7563SDSCT	DAC7563SDSCT	SON-10	12	2	String	0.75	0.25	7	-	0.5	6.38	5.80	4.93	3.87
595-TLV5618ACD	TLV5618ACD	SOIC-8	12	2	String	4	1	2.5	0.093	1.8	11.30	10.80	8.11	7.95
595-TLV5618AID	TLV5618AID	SOIC-8	12	2	String	4	1	2.5	0.093	1.8	12.03	11.50	8.64	8.46
595-TLV5638CD	TLV5638CD	SOIC-8	12	2	String	4	1	1	0.233	4.5	10.39	9.93	7.46	7.31
595-DAC7554IDGS	DAC7554IDGS	MSOP-10	12	4	String	1	0.5	5	-	3.5	11.22	10.73	8.06	7.89
595-DAC7564IAPW	DAC7564IAPW	TSSOP-16	12	4	String	1	1	8	-	2.9	9.24	8.61	7.77	7.14
595-DAC7565IAPW	DAC7565IAPW	TSSOP-16	12	4	String	1	1	8	-	2.9	9.24	8.61	7.77	7.14
595-TLV5614CD	TLV5614CD	SOIC-16	12	4	String	4	1	3	0.102	3.6	17.11	16.35	12.28	12.03
595-DAC7578SPW	DAC7578SPW	TSSOP-16	12	8	String	1	0.25	7	-	3.4	12.77	12.21	9.17	8.98
595-DAC7578SRGET	DAC7578SRGET	VQFN-24	12	8	String	1	0.25	7	-	3.4	14.61	10.45	9.53	8.47
595-DAC7678SPW	DAC7678SPW	TSSOP-16	12	8	String	1	0.25	7	-	3.4	13.93	13.32	10.00	9.80
595-DAC7678SRGET	DAC7678SRGET	VQFN-24	12	8	String	1	0.25	7	-	3.4	11.73	11.35	10.35	9.20
595-DAC7558IRHBR	DAC7558IRHBR	QFN-32	12	8	String	1	0.5	5	0.5	4.5	17.25	14.62	13.50	11.62
595-TLV5610IDW	TLV5610IDW	SOIC-20	12	8	String	6	1	1	0.283	18	24.04	20.43	16.69	16.36
595-TLV5610IPW	TLV5610IPW	TSSOP-20	12	8	String	6	1	1	0.283	18	24.04	20.43	16.69	16.36
595-TLV5630IPW	TLV5630IPW	TSSOP-20	12	8	String	6	1	1	0.283	18	24.04	21.46	17.29	16.94
595-DAC8311DCKT	DAC8311DCKT	SC-70-6	14	1	String	4	1	6	-	0.14	6.00	5.13	3.45	3.07
595-DAC904E	DAC904E	TSSOP-28	14	1	I-steering	3	2.5	0.03	200	170	17.23	16.46	12.36	12.11
595-THS5671AIPW	THS5671AIPW	TSSOP-28	14	1	I-steering	7	3.5	0.035	125	175	18.29	17.48	13.13	12.86
595-DAC2904Y/250	DAC2904Y/250	TQFP-48	14	2	I-steering	5	4	0.03	125	310	26.72	24.05	22.05	18.03
595-DAC8162SDGST	DAC8162SDGST	MSOP-10	14	2	String	3	0.5	7	-	0.5	11.12	9.07	8.23	5.93
595-DAC8162SDSCT	DAC8162SDSCT	SON-10	14	2	String	3	0.5	7	-	0.5	9.79	8.90	7.56	5.93
595-DAC8163SDGST	DAC8163SDGST	MSOP-10	14	2	String	3	0.5	7	-	0.5	11.12	9.07	8.23	5.93
595-DAC8163SDSCT	DAC8163SDSCT	SON-10	14	2	String	3	0.5	7	-	0.5	9.79	8.90	7.56	5.93
595-DAC8802IPW	DAC8802IPW	TSSOP-16	14	2	R-2R	1	1	0.5	2	0.025	14.22	13.59	10.21	10.00
595-DAC8803IDBT	DAC8803IDBT	TSSOP-28	14	4	R-2R	1	1	0.5	2	0.0275	28.30	25.47	23.34	18.87
595-DAC5681IRGC25	DAC5681IRGC25	QFN-64	16	1	I-steering	4	2	0.104	1000	650	54.93	43.33	42.21	41.60
595-DAC8501E/250	DAC8501E/250	MSOP-8	16	1	String	64	1	10	0.093	0.72	7.55	5.40	4.88	4.37
595-DAC8531E/250	DAC8531E/250	MSOP-8	16	1	String	64	1	10	0.093	0.72	7.55	5.40	4.88	4.37
595-DAC8541Y/250	DAC8541Y/250	TQFP-32	16	1	String	65	1	10	0.1	0.72	7.94	5.68	5.18	4.60
595-DAC8550IBDGKT	DAC8550IBDGKT	MSOP-8	16	1	String	8	1	10	0.2	1	7.11	6.71	6.10	4.12
595-DAC8550IDGKT	DAC8550IDGKT	MSOP-8	16	1	String	8	1	10	0.2	1	6.27	4.69	4.28	3.71
595-DAC8551ADGKT	DAC8551ADGKT	MSOP-8	16	1	String	8	1	10	0.2	1	5.65	4.23	3.86	3.35
595-DAC8551IDGKT	DAC8551IDGKT	MSOP-8	16	1	String	8	1	10	0.2	1	6.27	4.69	4.28	3.71
595-DAC8560IADGKT	DAC8560IADGKT	MSOP-8	16	1	String	8	1	10	0.2	2.6	7.71	5.51	5.03	4.47
595-DAC8560IDDGKT	DAC8560IDDGKT	MSOP-8	16	1	String	8	1	8	0.2	2.6	11.22	9.43	8.67	6.80
595-DAC8571IDGK	DAC8571IDGK	MSOP-8	16	1	String	65	1	10	0.043	0.42	7.81	7.27	6.56	6.03
595-DAC8580IPW	DAC8580IPW	TSSOP-16	16	1	String	64	1	0.65	16	175	5.54	5.06	4.05	3.52
595-DAC8581IPW	DAC8581IPW	TSSOP-16	16	1	String	64	0.5	0.65	3	175	5.47	5.00	4.00	3.50
595-DAC8820ICDB	DAC8820ICDB	SSOP-28	16	1	R-2R	1	1	0.5	2	0.025	23.80	20.23	16.53	16.20
595-DAC8830ICD	DAC8830ICD	SOIC-8	16	1	R-2R	1	1	1	1	0.015	11.40	11.08	10.76	10.09
595-DAC8831IBD	DAC8831IBD	SOIC-14	16	1	R-2R	1	1	1	2	0.015	14.20	13.57	10.56	10.34
595-DAC8831ICD	DAC8831ICD	SOIC-14	16	1	R-2R	1	1	1	2	0.015	11.40	11.08	10.76	10.09
595-DAC8871SBPW	DAC8871SBPW	TSSOP-16	16	1	R-2R	1	1	1	-	0.015	23.60	20.06	16.39	16.06
595-DAC8881SRGET	DAC8881SRGET	QFN-24	16	1	R-2R	1	1	5	-	6	20.91	17.73	16.36	12.27
595-DAC3482IRK25	DAC3482IRK25	WQFN-88	16	2	Delta-Sigma	4	2	10	1.25GSPS	800	57.72	55.00	51.96	50.07
595-DAC5682ZIRGCT	DAC5682ZIRGCT	VQFN-64	16	2	R-2R	4	2	0.104	1000	1300	56.54	51.84	46.83	42.82
595-DAC5686IPZP	DAC5686IPZP	HTQFP-100	16	2	I-steering	12	9	0.012	500	445	39.26	38.17	37.08	36.29
595-DAC5687IPZP	DAC5687IPZP	HTQFP-100	16	2	I-steering	6	3	0.012	500	-	36.03	35.03	34.03	33.30
595-DAC5688IRGCT	DAC5688IRGCT	VQFN-64	16	2	R-2R	4	2	0.011	800	-	54.40	48.18	45.07	41.93
595-DAC8532IDGK	DAC8532IDGK	MSOP-8	16	2	String	65	1	10	0.093	1.35	11.87	11.34	8.51	8.34
595-DAC8552IDGKT	DAC8552IDGKT	MSOP-8	16	2	String	8	1	10	0.2	3	8.14	6.09	5.55	4.81
595-DAC8562SDGST	DAC8562SDGST	MSOP-10	16	2	String	12	1	7	-	0.5	12.12	9.89	8.97	6.47
595-DAC8562SDSCT	DAC8562SDSCT	SON-10	16	2	String	12	1	7	-	0.5	10.67	9.70	8.24	6.47
595-DAC8563SDGST	DAC8563SDGST	MSOP-10	16	2	String	12	1	7	-	0.5	12.12	9.89	8.97	6.47
595-DAC8563SDSCT	DAC8563SDSCT	SON-10	16	2	String	12	1	7	-	0.5	10.67	9.70	8.24	6.47
595-DAC8812IBPW	DAC8812IBPW	TSSOP-16	16	2	R-2R	1	1	0.5	2	0.025	20.20	17.17	14.03	13.75
595-DAC8822QBDBT	DAC8822QBDBT	SM8-38	16	2	R-2R	1	1	0.5	2	0.025	20.56	17.68	14.44	14.15
595-DAC7734EC	DAC7734EC	SSOP-48	16	4	R-2R	3	1	-	-	200	62.65	60.91	59.17	56.65
595-DAC8534IPW	DAC8534IPW	TSSOP-16	16	4	String	64	1	10	0.093	2.7	19.32	18.46	13.86	13.58
595-DAC8544IPFB	DAC8544IPFB	TQFP-48	16	4	String	65	1	8	-	4.75	28.40	24.14	19.72	19.32
595-DAC8554IPW	DAC8554IPW	TSSOP-16	16	4	String	12	1	10	0.2	3	12.77	12.21	9.17	8.98
595-DAC8555IPW	DAC8555IPW	TSSOP-16	16	4	String	12	1	10	0.2	3	12.77	12.21	9.17	8.98
595-DAC8565IAPW	DAC8565IAPW	TSSOP-16	16	4	String	8	1	8	0.2	3.1	15.73	13.22	12.15	11.08
595-DAC8814IBDBT	DAC8814IBDBT	SSOP-28	16	4	R-2R	1	1	0.5	2	0.0275	36.90	33.21	30.44	24.60
595-DAC8718SRGZT	DAC8718SRGZT	QFN-48	16	8	String	4	1	15	-	115	29.58	25.13	23.29	21.18
595-DAC1220E	DAC1220E	TSSOP-16	20	1	Delta-Sigma	1	1	10000	0.0005	2.5	15.30	14.62	11.11	10.89
595-DAC1280IPW	DAC1280IPW	TSSOP-16	-	1	I-steering	-	-	100	0.256	18	32.57	31.50	30.44	28.59

INTEGRATED, MULTICHANNEL ADC AND DAC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	# of ADCs	ADC Res.	ADC Sampling Rate	ADC Input Range	# of DACs	DAC Res.	DAC Setting Time	DAC Output Full Scale	Price Each			
											1	25	100	250
595-AMC7812SRGCT	AMC7812SRGCR	VQFN-64	16	12	500KSPS	±5	12	12	2	3.4	10.34	9.63	8.69	7.99
Development Tool											Description			
595-AMC7812EVM-PDK	AMC7812EVM-PDK	Performance Development Kit for AMC7812, an integrated, multi-channel ADC and DAC									562.92			

ANALOG FRONT END



For quantities greater than listed, call for quote.

MOUSER STOCK NO.
