

TEXAS INSTRUMENTS Analog ICs



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Texas Instruments Analog ICs

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



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-ADS7830IPWR	ADS7830IPWR	TSSOP-16	8	8	SAR	0.5	0.5	70kSPS	0.75	3.65	2.98	2.87	2.59
595-ADS7830IPWT	TLC549CPIPWT	TSSOP-16	8	8	SAR	0.5	0.5	70kSPS	0.75	4.95	4.04	3.38	3.05
595-TLC0838CN	TLC0838CN	PDIP-20	8	8	SAR	0.4	0.4	20kSPS	3	3.62	3.30	2.64	2.30
595-TLC0838IDW	TLC0838IDW	SOIC-20	8	8	SAR	0.4	0.4	20kSPS	3	4.46	4.07	3.26	2.83
595-TLC0838IN	TLC0838IN	PDIP-20	8	8	SAR	0.4	0.4	20kSPS	3	3.87	3.53	2.82	2.45
595-TLC540IFN	TLC540IFN	PLCC-20	8	11	SAR	0.5	0.5	75kSPS	6	5.14	4.70	3.76	3.27
595-TLC541FN	TLC541FN	PLCC-20	8	11	SAR	0.5	0.5	40kSPS	6	4.43	4.05	3.24	2.82
595-TLC541IN	TLC541IN	PDIP-20	8	11	SAR	0.5	0.5	40kSPS	6	3.69	3.37	2.70	2.35
595-TLC542CDW	TLC542CDW	SOIC-20	8	11	SAR	0.5	0.5	25kSPS	6	4.33	3.96	3.16	2.75
595-TLC542CN	TLC542CN	PDIP-20	8	11	SAR	0.5	0.5	25kSPS	6	3.52	3.21	2.57	2.24
595-TLC542IFNR	TLC542IFNR	PLCC-20	8	11	SAR	0.5	0.5	25kSPS	6	4.50	3.68	3.30	3.00
595-TLC542IN	TLC542IN	PDIP-20	8	11	SAR	0.5	0.5	25kSPS	6	3.99	3.64	2.92	2.54
595-ADS7867IDBVT	ADS7867IDBVT	SOT-23-6	10	1	SAR	0.5	0.5	240kSPS	0.22	2.67	2.44	2.22	2.01
595-TLC1549CP	TLC1549CP	PDIP-8	10	1	SAR	1	1	38kSPS	4	4.68	4.27	3.49	2.90
595-TLV1549CD	TLV1549CD	SOIC-8	10	1	SAR	1	1	38kSPS	1.32	6.16	5.74	5.18	4.76
595-TLV1571CDW	TLV1571CDW	SOIC-24	10	1	SAR	1	1	1.25MSPS	12	10.12	9.43	8.51	7.82
595-ADS7948SRTET	ADS7948SRTET	WQFN-16	10	2	SAR	0.5	0.5	2MSPS	7.5	4.07	3.04	2.78	2.47
595-TLV1544CD	TLV1544CD	SOIC-16	10	4	SAR	1	1	85kSPS	1.05	5.91	5.40	4.32	3.76
595-TLV1544ID	TLV1544ID	SOIC-16	10	4	SAR	1	1	85kSPS	1.05	5.61	5.22	4.71	4.33
595-TLV1562CPW	TLV1562CPW	TSSOP-28	10	4	Pipeline	1.5	1.5	2MSPS	15	9.02	8.40	7.58	6.97
595-TLV1548IDB	TLV1548IDB	SSOP-20	10	8	SAR	1	1	85kSPS	1.05	6.49	6.04	5.45	5.01
595-TLV1578CDA	TLV1578CDA	TSSOP-32	10	8	SAR	1	1	1.25MSPS	12	10.23	9.53	8.60	7.90
595-TLC1541CDW	TLC1541CDW	SOIC-20	10	11	SAR	1	1	32kSPS	6	8.43	7.48	5.42	5.31
595-TLC1541CN	TLC1541CN	PDIP-20	10	11	SAR	1	1	32kSPS	6	7.39	6.88	6.21	5.71
595-TLC1541IN	TLC1541IN	PDIP-20	10	11	SAR	1	1	32kSPS	6	7.93	7.39	6.67	6.13
595-TLC1542IDW	TLC1542IDW	SOIC-20	10	11	SAR	0.5	0.5	38kSPS	4	9.68	9.02	6.11	5.99
595-TLC1543CDW	TLC1543CDW	SOIC-20	10	11	SAR	1	1	38kSPS	4	5.66	5.16	4.13	3.60
595-TLC1543CDWR	TLC1543CDWR	SOIC-20	10	11	SAR	1	1	38kSPS	4	5.62	4.59	3.89	3.74
595-TLC1543CN	TLC1543CN	PDIP-20	10	11	SAR	1	1	38kSPS	4	4.92	4.49	3.67	3.05
595-TLC1543IN	TLC1543IN	PDIP-20	10	11	SAR	1	1	38kSPS	4	5.16	4.72	3.78	3.28
595-TLC1543QFN	TLC1543QFN	PLCC-20	10	11	SAR	1	1	38kSPS	4	5.66	5.16	4.13	3.60
595-TLV1543CDW	TLV1543CDW	SOIC-20	10	11	SAR	1	1	38kSPS	2.64	5.61	5.10	3.43	3.36
595-TLV1543CFN	TLV1543CFN	PLCC-20	10	11	SAR	1	1	38kSPS	2.64	4.03	3.67	2.83	2.71
595-TLV1543CN	TLV1543CN	PDIP-20	10	11	SAR	1	1	38kSPS	2.64	5.27	4.61	3.85	3.35
595-TLV1543IDB	TLV1543IDB	SSOP-20	10	11	SAR	1	1	38kSPS	2.64	5.85	5.45	4.92	4.52
595-ADS58B18IRGZT	ADS58B18IRGZT	VQFN-64	11	1	Pipeline	-	-	200MSPS	310	70.06	62.17	58.03	53.06
595-ADS58C28IRGCG25	ADS58C28IRGCG25	QFN-64	11	2	Pipeline	1.5	0.6	200MSPS	710	113.77	98.25	95.16	88.26
595-ADS1000A1IDBVT	ADS1000A1IDBVT	SOT-23-6	12	1	Delta-Sigma	0.1	-	128SPS	0.21	2.63	2.02	1.83	1.32
595-ADS1015IDGST	ADS1015IDGST	MSOP-10	12	1	Delta-Sigma	1	-	3.3kSPS	0.36	3.03	2.47	2.39	2.14
595-ADS4129IRGZ25	ADS4129IRGZ25	VQFN-48	12	1	Pipeline	5	2.5	250MSPS	265	84.50	53.67	52.27	52.23
595-ADS5400IPZP	ADS5400IPZP	HTQFP-100	12	1	Pipeline	4	-1	1000MSPS	2200	1016.03	863.62	854.98	854.98
595-ADS7816PC	ADS7816PC	PDIP-8	12	1	SAR	1	0.75	200kSPS	1.9	5.54	5.16	4.66	4.28
595-ADS7823E/250	ADS7823E/250	MSOP-8	12	1	SAR	1	1	50kSPS	0.75	8.25	5.94	4.95	4.29
595-ADS7866IDBVT	ADS7866IDBVT	SOT-23-6	12	1	SAR	1.5	+1.5/-1.0	200kSPS	0.22	3.57	3.26	2.97	2.68
595-ADS7881IRGZT	ADS7881IRGZT	QFN-48	12	1	SAR	1	1	4MSPS	95	19.44	16.47	15.21	13.73
595-ADS7886SDBDVT	ADS7886SDBDVT	SOT-23-6	12	1	SAR	1.25	+1.0/-1.0	1MSPS	3.9	4.65	4.25	3.87	3.49
595-ADS7886SDBVT	ADS7886SDBVT	SOT-23-6	12	1	SAR	1.25	+1.0/-1.0	1MSPS	3.9	4.43	3.61	3.24	3.10
595-ADS7886SDCKT	ADS7886SDCKT	SC70-6	12	1	SAR	1.25	+1.0/-1.0	1MSPS	3.9	5.04	4.11	3.69	3.10
595-ADS807E	ADS807E	SSOP-28	12	1	Pipeline	2	1	53MSPS	335	26.60	22.61	18.47	18.10
595-ADS8504IBDW	ADS8504IBDW	SOIC-28	12	1	SAR	0.45	0.45	250kSPS	70	25.00	21.25	17.36	17.01
595-ADS8508IBDW	ADS8508IBDW	SOIC-20	12	1	SAR	0.45	0.45	250kSPS	70	23.90	20.31	16.60	16.26
595-TLV2541ID	TLV2541ID	SOIC-8	12	1	SAR	1	1	200kSPS	2.8	10.89	10.14	9.15	8.41
595-ADS4222IRGCT	ADS4222IRGCT	VQFN-64	12	2	Pipeline	3.5	1.5	65MSPS	183	31.70	28.53	26.15	23.97
595-ADS4229IRGCG25	ADS4229IRGCG25	VQFN-64	12	2	Pipeline	3.5	1.5	250MSPS	470	107.00	86.47	84.22	83.45
595-ADS6225IRGZT	ADS6225IRGZT	QFN-48	12	2	Pipeline	2.5	2	125MSPS	1000	57.50	53.69	49.83	49.07
595-ADS7947SRTET	ADS7947SRTET	WQFN-16	12	2	SAR	1	1	2MSPS	7.5	4.62	3.45	3.15	2.80
595-ADS4225IRGCG25	ADS4225IRGCG25	QFN-64	12	2	Pipeline	0.5	0.13	125MSPS	277	60.38	51.75	50.82	46.47
595-TLC2552ID	TLC2552ID	SOIC-8	12	2	SAR	1	1	400kSPS	15	10.16	9.71	7.29	7.14
595-ADS6422IRGCG25	ADS6422IRGCG25	QFN-64	12	4	Pipeline	2	0.5	65MSPS	1050	61.94	48.87	47.60	46.92
595-ADS6425IRGCT	ADS6425IRGCT	QFN-64	12	4	Pipeline	2.5	2	125MSPS	1650	115.67	101.64	96.38	91.13
595-ADS7223SRHBT	ADS7223SRHBT	QFN-32	12	4	SAR	0.5	0.5	1MHz	47.2	10.01	7.49	6.83	5.92
595-ADS7841E	ADS7841E	SSOP-16	12	4	SAR	1	1	200kSPS	0.84	6.27	5.84	3.96	3.88
595-ADS7841EB	ADS7841EB	SSOP-16	12	4	SAR	1	1	200kSPS	0.84	7.20	6.37	4.63	4.53
595-ADS7841P	ADS7841P	PDIP-16	12	4	SAR	1	1	200kSPS	0.84	5.54	5.16	4.66	4.28
595-ADS7842E	ADS7842E	SSOP-28	12	4	SAR	1	1	200kSPS	0.84	8.14	7.58	6.84	6.29
595-ADS7861E	ADS7861E	SSOP-24	12	4	SAR	1	1	500kSPS	25	10.78	10.04	9.06	8.33
595-ADS7861EB	ADS7861EB	SSOP-24	12	4	SAR	1	1	500kSPS	25	11.03	10.54	7.92	7.76
595-ADS7924IRTET	ADS7924IRTET	WQFN-16	12	4	SAR	1.5	1	100kSPS	0.5	3.82	3.12	2.80	2.68
595-ADS8634SRGET	ADS8634SRGET	VQFN-24	12	4	SAR	1.5	-1.0/+1.5	1MSPS	14.45	8.25	5.94	4.95	4.29
595-THS1206CDA	THS1206CDA	TSSOP-32	12	4	Pipeline	1.8	1	6MSPS	186	23.50	19.97	16.32	15.99
595-THS1206IDA	THS1206IDA	TSSOP-32	12	4	Pipeline	1.8	1	6MSPS	186	27.00	22.95	18.75	18.37
595-ADS7828E/250	ADS7828E/250	TSSOP-16	12	8	SAR	1	1	50kSPS	0.675	8.47	6.33	5.78	5.01
595-ADS7828EB/250	ADS7828EB/250	TSSOP-16	12	8	SAR	1	1	50kSPS	0.675	9.83	7.49	6.83	6.72
595-ADS7844E	ADS7844E	SSOP-20	12	8	SAR	1	1	200kSPS	0.84	7.70	7.16	6.47	5.94
595-ADS7844EB	ADS7844EB	SSOP-20	12	8	SAR	1	1	200kSPS	0.84	8.91	8.29	7.48	6.87
595-ADS7844N	ADS7844N	SSOP-20	12	8	SAR	1	1	200kSPS	0.84	7.70	7.16	6.47	5.94
595-ADS7844NB	ADS7844NB	SSOP-20	12	8	SAR	1	1	200kSPS	0.84	8.91	8.29	7.48	6.87
595-ADS7870EA	ADS7870EA	SSOP-28	12	8	SAR	2	0.5	52kSPS	4.6	9.68	9.25	6.94	6.80
595-ADS8528SRGCT	ADS8528SRGCT	VQFN-64	12	8	SAR	0.75	0.5	650kSP	430.1	18.51	17.52	15.33	14.02
595-ADS8638SRGET	ADS8638SRGET	VQFN-24	12	8	SAR	1.5	-1.0						