

# MAXIM INTEGRATED Analog ICs



RoHS Compliant This product is RoHS compliant.

PRODUCT NEW

For quantities greater than listed, call for quote.

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

◆ Surface Mount Device

Analog ICs

Maxim Integrated

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Res. (bits)	Channels	Output Type	Interface	INL (Max) (±LSB)	Icc (mA) (Max)	Supply Range (V) (Min/Max)	Price Each		
										1	25	100
◆ 700-MAX5312EAE	MAX5312EAE+	SSOP-16	12	1	Volt Buffered	Serial SPI	1	6.2	15.75	12.36	6.27	5.56
◆ 700-MAX531ACPD	MAX531ACPD+	PDIP-14	12	1	Volt Buffered	Serial SPI	0.5	0.4	5.25	17.63	13.02	11.34
◆ 700-MAX531ACSD	MAX531ACSD+	SOIC-14	12	1	Volt Buffered	Serial SPI	0.5	0.4	5.25	25.17	12.77	11.75
◆ 700-MAX531AESD	MAX531AESD+	SOIC-14	12	1	Volt Buffered	Serial SPI	0.5	0.4	5.25	22.90	16.94	14.75
◆ 700-MAX531BCPD	MAX531BCPD+	PDIP-14	12	1	Volt Buffered	Serial SPI	1	0.4	5.25	16.74	8.49	7.81
◆ 700-MAX531BCSD	MAX531BCSD+	SOIC-14	12	1	Volt Buffered	Serial SPI	1	0.4	5.25	16.74	8.49	7.81
◆ 700-MAX531BESD	MAX531BESD+	SOIC-14	12	1	Volt Buffered	Serial SPI	1	0.4	5.25	15.27	11.29	9.83
◆ 700-MAX5352ACUA	MAX5352ACUA+	µMAX-8	12	1	Volt Buffered	Serial SPI	0.8	0.4	4.5/5.5	12.64	9.34	7.59
◆ 700-MAX5352BCUA	MAX5352BCUA+	µMAX-8	12	1	Volt Buffered	Serial SPI	1	0.4	4.5/5.5	9.74	7.06	5.85
◆ 700-MAX5352BEUA	MAX5352BEUA+	µMAX-8	12	1	Volt Buffered	Serial SPI	1	0.4	4.5/5.5	18.06	9.16	8.43
◆ 700-MAX5353AEUA	MAX5353AEUA+	µMAX-8	12	1	Volt Buffered	Serial SPI	1	0.4	3.15/3.6	16.44	12.15	10.58
◆ 700-MAX539BCPA	MAX539BCPA+	PDIP-8	12	1	Volt Buffered	Serial SPI	1	0.3	4.5/5.5	14.94	7.58	6.97
◆ 700-MAX539BCSA	MAX539BCSA+	SOIC-8	12	1	Volt Buffered	Serial SPI	1	0.3	4.5/5.5	14.94	7.58	6.97
◆ 700-MAX539BEPA	MAX539BEPA+	PDIP-8	12	1	Volt Buffered	Serial SPI	0.5	---	4.5/5.5	13.58	10.04	8.74
◆ 700-MAX543ACPA	MAX543ACPA+	PDIP-8	12	1	Curr Unbuff	Serial Other	0.5	---	11.4/15.75	18.90	13.98	12.17
◆ 700-MAX543ACWE	MAX543ACWE+	SOIC-16W	12	1	Curr Unbuff	Serial Other	0.5	---	11.4/15.75	18.90	13.98	12.17
◆ 700-MAX543AEPA	MAX543AEPA+	PDIPN-8	12	1	Curr Unbuff	Serial Other	0.5	---	11.4/15.75	24.56	18.15	16.70
◆ 700-MAX552AEUB	MAX552AEUB+	µMAX-10	12	1	Curr Unbuff	Serial SPI	0.5	0.005	2.7/3.6	17.19	8.72	7.59
◆ 700-MAX5531ETC	MAX5531ETC+	TQFN-12	12	1	Volt Buffered	Serial SPI	8	0.007	1.8/5.5	3.03	2.68	2.64
◆ 700-MX7548JN	MX7548JN+	PDIP-20	12	1	Curr Unbuff	Parallel-BW	1	---	4.75/15.75	11.37	7.70	7.08
◆ 700-MAX5104CEE	MAX5104CEE+	QSOP-16	12	2	Volt Buffered	Serial SPI	4	0.65	4.5/5.5	12.68	6.43	5.60
◆ 700-MAX5104EEE	MAX5104EEE+	QSOP-16	12	2	Volt Buffered	Serial SPI	4	0.65	4.5/5.5	13.64	6.92	6.02
◆ 700-MAX5137GTG	MAX5137GTG+	TQFN-24	12	2	Volt Buffered	Serial SPI	1	2.3	2.7/5.5	3.23	2.86	2.81
◆ 700-MAX5154BCPE	MAX5154BCPE+	PDIP-16	12	2	Volt Buffered	Serial SPI	1	---	4.5/5.5	13.90	10.27	9.45
◆ 700-MAX5155ACEE	MAX5155ACEE+	QSOP-16	12	2	Volt Buffered	Serial SPI	1	---	2.7/3.6	25.33	12.85	11.18
◆ 700-MAX5156BCEE	MAX5156BCEE+	QSOP-16	12	2	Volt Buffered	Serial SPI	1	0.65	4.5/5.5	19.86	10.07	8.94
◆ 700-MAX532ACPE	MAX532ACPE+	PDIP-16	12	2	Volt Buffered	Serial SPI	0.5	10	16.5	23.59	17.50	15.24
◆ 700-MAX532ACWE	MAX532ACWE+	SOIC-16W	12	2	Volt Buffered	Serial SPI	0.5	10	16.5	23.66	17.16	15.24
◆ 700-MAX532AEWE	MAX532AEWE+	SOIC-16W	12	2	Volt Buffered	Serial SPI	0.5	10	16.5	31.84	23.62	19.18
◆ 700-MAX5532EUA	MAX5532EUA+	µMAX-8	12	2	Volt Buffered	Serial SPI	8	0.006	1.8/5.5	3.55	3.15	3.09
◆ 700-MAX5533EUA	MAX5533EUA+	µMAX-8	12	2	Volt Buffered	Serial SPI	8	0.008	1.8/5.5	4.01	3.55	3.49
◆ 700-MAX5535ETC	MAX5535ETC+	TQFN-12	12	2	Volt Buffered	Serial SPI	8	---	1.8/5.5	4.01	3.55	3.49
◆ 700-MAX5722EUA	MAX5722EUA+	µMAX-8	12	2	Volt Buffered	Serial SPI	16	0.215	2.7/5.5	11.85	7.88	7.25
◆ 700-MAX5822LEUA	MAX5822LEUA+	µMAX-8	12	2	Volt Buffered	Serial I2C	16	0.215	2.7/5.5	16.34	8.29	7.63
◆ 700-MAX5822MEUA	MAX5822MEUA+	µMAX-8	12	2	Volt Buffered	Serial I2C	16	0.215	2.7/5.5	5.86	5.25	5.25
◆ 700-MX7537JP	MX7537JP+	PLCC-28	12	2	Curr Unbuff	Parallel-BW	1	---	10.8/16.5	33.71	17.10	15.73
◆ 700-MX7541AJN	MX7541AJN+	PDIP-18	12	2	Curr Unbuff	Parallel-FW	1	500	5/16	14.31	7.26	6.68
◆ 700-MX7542JN	MX7542JN+	PDIP-16	12	2	Curr Unbuff	Parallel-BW	1	2.5	4.75/5.25	19.43	9.86	8.75
◆ 700-MX7542KN	MX7542KN+	PDIP-16	12	2	Curr Unbuff	Parallel-BW	1	---	4.75/5.25	22.82	10.91	9.69
◆ 700-MX7543JCWE	MX7543JCWE+	SOIC-16W	12	2	Curr Unbuff	Serial Other	1	2.5	4.75/5.25	12.04	8.12	7.47
◆ 700-MX7543JN	MX7543JN+	PDIP-16	12	2	Curr Unbuff	Serial Other	1	2.5	4.75/5.25	16.00	8.12	7.47
◆ 700-MX7837JR	MX7837JR+	SOIC-24W	12	2	Volt Buffered	Parallel-BW	1	10	16.5	25.59	13.94	12.83
◆ 700-MX7847JN	MX7847JN+	PDIP-24	12	2	Volt Buffered	Parallel-FW	1	10	16.5	31.17	15.81	14.04
◆ 700-MX7847JR	MX7847JR+	SOIC-24W	12	2	Volt Buffered	Parallel-FW	1	10	16.5	27.49	13.94	12.83
◆ 700-MAX5135GTG	MAX5135GTG+	TQFN-24	12	4	Volt Buffered	Serial SPI	1	2.3	2.7/5.5	6.14	5.44	5.36
◆ 700-MAX514BCNG	MAX514BCNG+	PDIP-24	12	4	Curr Unbuff	Serial Other	1	0.4	4.5/5.25	42.75	21.69	18.88
◆ 700-MAX525AEAP	MAX525AEAP+	SSOP-20	12	4	Volt Buffered	Serial SPI	0.5	0.98	4.5/5.5	45.00	34.58	28.99
◆ 700-MAX525BCAP	MAX525BCAP+	SSOP-20	12	4	Volt Buffered	Serial SPI	1	0.98	4.5/5.5	26.63	20.06	17.16
◆ 700-MAX525BEAP	MAX525BEAP+	SSOP-20	12	4	Volt Buffered	Serial SPI	1	0.98	4.5/5.5	34.64	26.09	22.31
◆ 700-MAX526CCWG	MAX526CCWG+	SOIC-24W	12	4	Volt Buffered	Parallel-BW	0.5	28	-5.5/16.5	48.03	34.81	30.92
◆ 700-MAX526DCNG	MAX526DCNG+	PDIP-24	12	4	Volt Buffered	Parallel-BW	1	28	-5.5/16.5	40.02	29.01	25.77
◆ 700-MAX526DCWG	MAX526DCWG+	SOIC-24W	12	4	Volt Buffered	Parallel-BW	1	28	-5.5/16.5	40.02	29.01	25.77
◆ 700-MAX527DCNG	MAX527DCNG+	PDIP-24	12	4	Volt Buffered	Parallel-BW	1	18	-5.5/5.5	34.10	25.20	21.95
◆ 700-MAX5500AGAP	MAX5500AGAP+	SSOP-20	12	4	Volt Buffered	Serial SPI	0.75	0.98	4.5/5.5	8.10	7.18	7.07
◆ 700-MAX5501AGAP	MAX5501AGAP+	SSOP-20	12	4	Volt Buffered	Serial SPI	0.75	---	3/3.6	8.13	7.18	7.18
◆ 700-MAX5501BGAP	MAX5501BGAP+	SSOP-20	12	4	Volt Buffered	Serial SPI	2	---	3/3.6	5.82	5.16	5.08
◆ 700-MAX5742AUB	MAX5742AUB+	µMAX-10	12	4	Volt Buffered	Serial SPI	16	0.42	2.7/5.5	14.79	9.84	9.05
◆ 700-MAX5742EUB	MAX5742EUB+	µMAX-10	12	4	Volt Buffered	Serial SPI	16	0.42	2.7/5.5	14.07	9.36	8.61
◆ 700-MAX5842LEUB	MAX5842LEUB+	µMAX-10	12	4	Volt Buffered	Serial I2C	16	0.42	2.7/5.5	8.40	7.51	7.51
◆ 700-MAX5842MEUB+	MAX5842MEUB+	µMAX-10	12	4	Volt Buffered	Serial I2C	16	---	2.7/5.5	8.40	7.51	7.51
◆ 700-MAX5306EUE	MAX5306EUE+	µMAX-8	12	8	Volt Buffered	Serial SPI	4	1.7	2.7/5.5	19.99	13.56	12.39
◆ 700-MAX5307EUE	MAX5307EUE+	TSSOP-16	12	8	Volt Buffered	Serial SPI	4	1.7	2.7/5.5	26.20	13.29	12.23
◆ 700-MAX5590BEUG	MAX5590BEUG+	TSSOP-24	12	8	Volt Buffered	Serial SPI	4	3.2	2.7/5.25	7.25	6.66	6.66
◆ 700-MAX5725AAUP+	MAX5725AAUP+	TSSOP-20	12	8	Volt Buffered	Serial SPI	1	2	2.7/5.5	22.32	14.88	9.57
◆ 700-MAX5825AAUP+	MAX5825AAUP+	TSSOP-20	12	8	Volt Buffered	Serial I2C	1	25	2.7/5.5	19.68	13.12	9.51
◆ 700-MAX5825BAUP+	MAX5825BAUP+	TSSOP-20	12	8	Volt Buffered	Serial I2C	1	25	2.7/5.5	17.04	11.36	8.23
◆ 700-MAX535BCUA	MAX535BCUA+	µMAX-8	13	1	Volt Buffered	Serial SPI	0.5	0.4	4.5/5.5	11.46	8.47	7.37
◆ 700-MAX5214GUA+	MAX5214GUA+	µMAX-8	14	1	Volt Buffered	Serial SPI	1	---	2.7 - 5	6.50	3.84	3.53
◆ 700-MAX5141EUA	MAX5141EUA+	µMAX-8	14	1	Volt Unbuff	Serial SPI	1	0.2	4.5/5.5	15.07	10.96	9.73
◆ 700-MAX5142EUB	MAX5142EUB+	µMAX-10	14	1	Volt Unbuff	Serial SPI	1	0.2	4.5/5.5	15.07	11.18	9.73
◆ 700-MAX5143EUA	MAX5143EUA+	µMAX-8	14	1	Volt Unbuff	Serial SPI	1	0.2	2.7/3.6	15.07	11.18	9.73
◆ 700-MAX5170AEEE	MAX5170AEEE+	QSOP-16	14	1	Volt Buffered	Serial SPI	1	0.4	4.5/5.5	18.74	9.51	8.44
◆ 700-MAX5170BEEE	MAX5170BEEE+	QSOP-16	14	1	Volt Buffered	Serial SPI	2	0.4	4.5/5.5	14.72	7.47	6.50
◆ 700-MAX545BCPD	MAX545BCPD+	PDIP-14	14	1	Volt Unbuff	Serial SPI	0.5	---	4.75/5.25	16.86	12.40	11.41
◆ 700-MAX5544ESA	MAX5544ESA+	SO-8	14	1	Volt Unbuff	Serial SPI	8	---	4.75/5.25	10.25	7.81	6.79
◆ 700-MX7538KEWG	MX7538KEWG+	SOIC-24W	14	1	Curr Unbuff	Parallel-FW	2	4	11.4/15.75	47.43	24.06	21.37
◆ 700-MAX5888AEGKD	MAX5888AEGK+D	QFN-68	16	1	---	Parallel, LVDS	3.9	---	3.3	94.45	87.70	78.17
◆ 700-MAX5216BGUA+	MAX5216BGUA+	µMAX-8	16	1	Volt Buffered	Serial SPI	8	0.08	2.7/5.25	6.87	4.58	3.44
◆ 700-MAX5216GUA+	MAX5216GUA+	µMAX-8	16	1	Volt Buffered	Serial SPI	1	---	2.7 - 5	8.70	5.14	4.73
◆ 700-MAX541ACSA	MAX541ACSA+	SOIC-8	16	1	Volt Unbuff	Serial SPI	1	1	4.75/5.5	40.99	28.10	24.47
◆ 700-MAX541AESA	MAX541AESA+	SOIC-8	16	1	Volt Unbuff	Serial SPI	1	1.1	4.75/5.5	47.94	32.85	28.61
◆ 700-MAX541BCPA	MAX541BCPA+	PDIP-8	16	1	Volt Unbuff	Serial SPI	2	1.1	4.75/5.5	29.43	21.76	18.95
◆ 700-MAX541CCPA	MAX541CCPA+	PDIP-8	16	1	Volt Unbuff	Serial SPI	4	1.1	4.75/5.5	21.14	15.63	13.60
◆ 700-MAX541CCSA	MAX541CCSA+	SOIC-8	16	1	Volt Unbuff	Serial SPI	4	1.1	4.75/5.5	20.92	14.06	12.52
◆ 700-MAX542BCSD	MAX542BCSD+	SOIC-14	16	1	Volt Unbuff	Serial SPI	2	1.1	4.75/5.5	26.48	17.96	15.64
◆ 700-MAX542CCSD	MAX542CCSD+	SOIC-14	16	1	Volt Unbuff	Serial SPI	4	1.1	4.75/5.5	21.14	14.34	12.48
◆ 700-MAX5441ACUA	MAX5441ACUA+	µMAX-8	16	1	Volt Unbuff	Serial SPI	2	0.2	4.5/5.5	25.11	18.58	16.18
◆ 700-MAX5442ACUB	MAX5442ACUB+	µMAX-10	16	1	Volt Unbuff	Serial SPI	2	0.2	4.5/5.5	25.11	18.22	16.18
◆ 700-MAX5443AEUA	MAX5443AEUA+	µMAX-8	16	1	Volt Unbuff	Serial SPI	2	0.2	2.7/3.6	39.00	21.85	20.00
◆ 700-MAX5661GCB	MAX5661GCB+	LQFP-64	16	1	Curr/Volt Buff	Serial SPI	10	---	4.75/5.25	10.81	9.06	8.04
◆ 700-MAX5136AGTG	MAX5136AGTG+	TQFN-24	16	2	Volt Buffered	Serial SPI	8	3.6	2.7/5.5	5.13	4.54	4.45
◆ 700-MAX5136AGUE+	MAX5136AGUE+	TSSOP-16	16	2	Volt Buffered	Serial SPI	8	---	2.7/5.5	8.76	7.74	7.58
◆ 700-MAX5134AGTG	MAX5134AGTG+	TQFN-24	16	4	Volt Buffered	Serial SPI	10	3.6	2.7/5.5			