

MAXIM Analog ICs



RoHS Compliant This product is RoHS compliant.

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

◆ Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Part No.	Package	Res. (bits)	Input Channels	Conversion Rate (ksp/s) (Max)	Data Bus	External Vref (V) (Min/Max)	DNL (±LSB)	INL (±LSB)	Price Each		
										1	25	100
◆ 700-MAX1231BEEG	MAX1231BEEG+	QSOP-24	12	16	300	SPI	1.0/3.6	1	1	20.57	10.43	9.60
◆ 700-MAX1231BETI	MAX1231BETI+	TQFN-28	12	16	300	SPI	1.0/3.6	1	1	21.91	11.12	10.23
◆ 700-MAX1066BCUP	MAX1066BCUP+	TSSOP-20	14	1	165	µP/8	3.8/5.0	1	3	17.82	8.61	7.92
◆ 700-MAX1142BEAP	MAX1142BEAP+	SSOP-20	14	1	200	SPI	3.0/4.2	1.375	1	63.37	32.14	29.57
◆ 700-MAX1144BEAP	MAX1144BEAP+	SSOP-20	14	1	150	SPI	1.9/2.2	1	1	57.91	29.38	27.03
◆ 700-MAX121CPE	MAX121CPE+	PDIP-16	14	1	308	SPI	---/---	1.5	2	39.57	20.47	18.47
◆ 700-MAX194BEWE	MAX194BEWE+	SOIC-16	14	1	85	SPI	---/5.0	1	1	59.34	30.10	27.69
◆ 700-MAX110ACPE	MAX110ACPE+	PDIP-16	14	2	0.05	SPI	-5.3/5.3	2	4.9	20.60	10.66	9.61
◆ 700-MAX110BCPE	MAX110BCPE+	PDIP-16	14	2	0.05	SPI	-5.3/5.3	2	4.9	15.80	8.01	7.37
◆ 700-MAX110BCWE	MAX110BCWE+	SOIC-16W	14	2	0.05	SPI	-5.3/5.3	2	4.9	15.80	8.01	7.37
◆ 700-MAX111BCWE	MAX111BCWE+	SOW-16	14	2	0.05	SPI	0/5.3	1	4.9	15.80	8.01	7.37
◆ 700-MAX1147BEUP	MAX1147BEUP+	TSSOP-20	14	4	116	SPI	1.5/3.3	0.5	0.7	28.57	14.49	13.33
◆ 700-MAX1148BCUP	MAX1148BCUP+	TSSOP-20	14	8	116	SPI	1.5/5.0	0.5	0.7	26.80	13.59	12.51
◆ 700-MAX1148BEUP	MAX1148BEUP+	TSSOP-20	14	8	116	SPI	1.5/5.0	0.5	0.7	31.40	15.93	14.65
◆ 700-MAX1149BEUP	MAX1149BEUP+	TSSOP-20	14	8	116	SPI	1.5/3.3	0.5	0.7	31.40	15.93	14.65
◆ 700-MAX125CCAxD	MAX125CCAxD	SSOP-36	14	8	250	µP/14	2.25/2.75	---	2	45.86	23.26	21.40
◆ 700-MAX125CEAXD	MAX125CEAXD	SSOP-36	14	8	250	µP/14	2.25/2.75	---	2	47.66	24.17	22.24
◆ 700-MAX135CPI	MAX135CPI+	PDIP-28W	15	1	0.0016	µP/8	---/0.545	---	---	24.91	12.64	11.63
◆ 700-MAX135CWI	MAX135CWI+	SOIC-28W	15	1	0.0016	µP/8	---/0.545	---	---	24.91	12.64	11.63
◆ 700-MAX11203EEE+	MAX11203EEE+	QSOP-16	16	1	0.48	SPI	0/3.6	1	20	4.40	2.23	2.05
◆ 700-MAX11205AEUB+	MAX11205AEUB+	µMAX-10	16	1	0.12	SPI	0/3.6	1	20	3.92	2.10	1.93
◆ 700-MAX11205BEUB+	MAX11205BEUB+	µMAX-10	16	1	0.12	SPI	3.6/3.6	1	20	4.14	2.10	1.93
◆ 700-MAX11213EEE+	MAX11213EEE+	QSOP-16	16	1	0.48	SPI	0/3.6	1	20	4.91	2.49	2.29
◆ 700-MAX1132BEAP	MAX1132BEAP+	SSOP-20	16	1	200	SPI	3.0/4.2	1.375	1	84.54	42.88	39.45
◆ 700-MAX1133BEAP	MAX1133BEAP+	SSOP-20	16	1	200	SPI	3.0/4.2	1.375	1	84.54	42.88	39.45
◆ 700-MAX1135BEAP	MAX1135BEAP+	SSOP-20	16	1	150	SPI	1.9/2.2	1.375	1	77.23	39.17	36.04
◆ 700-MAX195BEWE	MAX195BEWE+	SOIC-16	16	1	85	SPI	---/5.0	2	1.96608	75.08	55.45	50.51
◆ 700-MAX1358BETL	MAX1358BETL+	TQFN-40	16	2	0.512	SPI	1/3.6	---	2	18.05	13.41	11.90
◆ 700-MAX1359BETL	MAX1359BETL+	TQFN-40	16	2	0.512	SPI	1/3.6	---	2	17.08	12.38	11.39
◆ 700-MAX1415EUE	MAX1415EUE+	TSSOP-16	16	2	0.5	SPI	1/1.75	---	0.98304	10.80	5.48	5.04
◆ 700-MAX1416EUE	MAX1416EUE+	TSSOP-16	16	2	0.5	SPI	1/3.5	---	0.98304	10.80	5.48	5.04
◆ 700-MX7705EUE	MX7705EUE+	TSSOP-16	16	2	0.5	SPI	1/3.5	---	1.96608	5.91	3.00	2.76
◆ 700-DS2450S	DS2450S+	SOIC-8	16	4	1	1-Wire	2.56/5.12	---	---	6.71	3.41	3.12
◆ 700-MAX11044ETN	MAX11044ETN+	TQFN-56	16	4	250	µP/16	3.0/4.25	0.5	0.8	26.00	13.19	12.13
◆ 700-MAX11047ETN+	MAX11047ETN+	TQFN-56	16	4	250	µP/16	3/4.25	0.7	0.65	24.74	12.55	11.55
◆ 700-MAX1303BEUP+	MAX1303BEUP+	TSSOP-20	16	4	115	SPI	3.8/4.136	0.5	1	23.60	11.97	11.01
◆ 700-MAX1407CAI	MAX1407CAI+	SSOP-28	16	4	0.06	SPI	1.15/1.35	---	2.5	17.80	11.83	10.61
◆ 700-MAX1414CAI	MAX1414CAI+	SSOP-28	16	4	0.06	SPI	1.15/1.35	---	2.5	17.80	12.06	10.61
◆ 700-MAX11045ETN	MAX11045ETN+	TQFN-56	16	6	250	µP/16	3.0/4.25	0.5	0.8	31.97	16.22	14.92
◆ 700-MAX11048ETN+	MAX11048ETN+	TQFN-56	16	6	250	µP/16	3/4.25	0.7	0.65	30.71	15.58	14.33
◆ 700-MAX1300BEUG+	MAX1300BEUG+	TSSOP-20	16	8	115	SPI	3.8/4.136	0.5	1	24.63	12.49	11.49
◆ 700-MAX11046ECB+	MAX11046ECB+	TQFP-EP-64	16	8	250	µP/16	3/4.25	0.4	0.4	39.89	20.28	18.59
◆ 700-MAX11046ETN	MAX11046ETN+	TQFN-56	16	8	250	µP/16	3.0/4.25	0.5	0.8	39.97	20.28	18.65
◆ 700-MAX11049ETN+	MAX11049ETN+	TQFN-56	16	8	250	µP/16	3/4.25	0.7	0.65	38.71	19.64	18.07
◆ 700-MAX11359AETL+	MAX11359AETL+	TQFN-EP-40	16	---	---	SPI	---	---	---	13.99	10.61	9.24
◆ 700-MAX11209EEE+	MAX11209EEE+	QSOP-16	18	1	0.48	SPI	0/3.6	1	15	5.14	2.61	2.40
◆ 700-MAX11211EEE+	MAX11211EEE+	QSOP-16	18	1	0.48	SPI	0/3.6	1	15	4.66	2.36	2.17
◆ 700-MAX11212AEUB+	MAX11212AEUB+	µMAX-10	18	1	0.12	SPI	0/3.6	1	10	4.40	2.23	2.05
◆ 700-MAX11212BEUB+	MAX11212BEUB+	µMAX-10	18	1	0.12	SPI	0/3.6	1	10	4.40	2.23	2.05
◆ 700-MAX132CNG	MAX132CNG+	PDIP-24	18	1	0.1	SPI	---/0.545	---	---	24.91	12.64	11.63
◆ 700-MAX132CWG	MAX132CWG+	SOIC-24W	18	1	0.1	SPI	---/0.545	---	---	24.91	12.64	11.63
◆ 700-MAX132ENG	MAX132ENG+	PDIP-24	18	1	0.1	SPI	---/0.545	---	---	34.89	17.70	16.28
◆ 700-MAX132EWG	MAX132EWG+	SOIC-24W	18	1	0.1	SPI	---/0.545	---	---	34.89	17.70	16.28
◆ 700-MAX1400EAI	MAX1400EAI+	SSOP-28	18	5	4.8	SPI	0.0/2.5	---	3.93216	42.31	21.46	19.75
◆ 700-MAX1401EAI	MAX1401EAI+	SSOP-28	18	5	4.8	SPI	0.0/1.25	---	3.93216	42.31	21.46	19.75
◆ 700-MAX1403EAI	MAX1403EAI+	SSOP-28	18	5	4.8	SPI	0.0/1.25	---	3	42.31	21.46	19.75
◆ 700-MAX11206EEE+	MAX11206EEE+	QSOP-16	20	1	0.48	SPI	0/3.6	1	10	5.40	2.74	2.52
◆ 700-MAX11207EEE+	MAX11207EEE+	QSOP-16	20	1	0.48	SPI	0/3.6	1	10	4.91	2.49	2.29
◆ 700-MAX11208AEUB+	MAX11208AEUB+	µMAX-10	20	1	0.12	SPI	0/3.6	1	10	4.66	2.36	2.17
◆ 700-MAX11208BEUB+	MAX11208BEUB+	µMAX-10	20	1	0.12	SPI	0/3.6	1	10	4.66	2.36	2.17
◆ 700-MAX11200EEE+	MAX11200EEE+	QSOP-16	24	1	0.48	SPI	0/3.6	1	10	6.66	3.38	3.11
◆ 700-MAX11201AEUB+	MAX11201AEUB+	µMAX-10	24	1	0.12	SPI	0/3.6	1	10	6.05	3.25	2.74
◆ 700-MAX11201BEUB+	MAX11201BEUB+	µMAX-10	24	1	0.12	SPI	0/3.6	1	10	6.40	3.25	2.99
◆ 700-MAX11202AEUB+	MAX11202AEUB+	µMAX-10	24	1	0.12	SPI	0/3.6	1	10	5.84	3.13	2.88
◆ 700-MAX11202BEUB+	MAX11202BEUB+	µMAX-10	24	1	0.12	SPI	0/3.6	1	10	5.84	3.13	2.88
◆ 700-MAX11210EEE+	MAX11210EEE+	QSOP-16	24	1	0.48	SPI	0/3.6	1	10	7.17	3.64	3.35

DISPLAY-ORIENTED ANALOG-TO-DIGITAL CONVERTERS (ADCS)

◆ Surface Mount Device

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MOUSER STOCK NO.	Maxim Part No.	Package	Resolution (±Counts)	Conversion Rate (ksp/s) (Max)	Data Bus	External Vref (V) (Min/Max)	Internal Vref (V) (Nom)	Uni/Bipolar Vin (V) (Max)	INL (±LSB)	Price Each		
										1	25	100
700-ICL7107CPL	ICL7107CPL+	PDIP-40W	2000	0.003	7-Seg	-5/5	2.8	---/3.5	---	13.77	6.99	6.43
700-ICL7136CPL	ICL7136CPL+	PDIP-40W	2000	0.0025	7-Seg	-9/9	---	---/9	---	12.75	6.16	5.67
700-ICL7137CPL	ICL7137CPL+	PDIP-40W	2000	0.0025	7-Seg	-5/5	3	---/0.2	---	13.77	6.99	6.43
700-MAX1491CNI	MAX1491CNI+	PDIP-28	2000	0.0025	7-Seg	0/2.048	2.048	---/2	1	13.93	7.07	6.50
◆ 700-ICL7107CPL	ICL7107CPL+	PDIP-40W	2000	0.003	7-Seg	-5/5	2.8	---/3.5	---	13.77	6.99	6.43
700-ICL7106CPL	ICL7106CPL+	PDIP-40	2000	0.003	7-Seg	---/9	2.8	3.5	---	14.46	6.99	6.43
700-MAX1496EPI	MAX1496EPI+	PDIP-28W	2000	0.005	7-Seg	0/2.048	2.048	---/2	1	13.93	7.07	6.50
◆ 700-MAX1367ECM	MAX1367ECM+	LQFP-48	2000	0.005	SPI	-2.2	2.2	2	1	22.86	11.04	10.16
700-MAX138CPL	MAX138CPL+	PDIP-40W	2000	-	7-Seg	0/7	---	---/7	---	24.09	12.22	11.24
700-ICL7116CPL	ICL7116CPL+	PDIP-40	2000	-	7-Seg	---/9	2.8	3.5	---	14.46	6.99	6.43
700-ICL7109CPL	ICL7109CPL+	PDIP-40W	4096	0.03	µP/12,UART	-5/5	-2.8	---/3.5	---	14.77	7.49	6.89
◆ 700-MAX1493CCJ	MAX1493CCJ+	LQFP-32	20000	0.0025	7-Seg	0/2.048	2.048	---/2	1	19.34	9.81	9.03
◆ 700-MAX1494CCJ	MAX1494CCJ+	LQFP-32	20000	0.0025	7-Seg	0/2.048	2.048	---/2	1	22.66	11.49	10.57
◆ 700-MAX1495CCJ	MAX1495CCJ+	LQFP-32	20000	0.0025	7-Seg	0/2.						