

# MAXIM INTEGRATED Analog ICs



RoHS Compliant This product is RoHS compliant.

## PRECISION ANALOG-TO-DIGITAL CONVERTER (ADCS) DEVELOPMENT KITS

◆ Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Description	Price Each
700-MAX11612EVSYS+	MAX11612EVSYS+	Development Kit for MAX11612	191.52
700-MAX11613EVSYS+	MAX11613EVSYS+	Development Kit for MAX11600-MAX11613	191.52
700-MAX11615EVSYS+	MAX11615EVSYS+	Development Kit for MAX11615	191.52
700-MAX11616EVSYS+	MAX11616EVSYS+	Development Kit for MAX11616	191.52
700-MAX11617EVSYS+	MAX11617EVSYS+	Development Kit for MAX11617	191.52
700-MAX11046EVKIT#	MAX11046EVKIT#	Development Kit for MAX11046	164.16
700-MAX11666EVKIT#	MAX11666EVKIT#	Development Kit for MAX11666	102.09
700-MAX1379EVKIT	MAX1379EVKIT+	Development Kit for MAX1379	164.16
700-MAX11635EVSYS#	MAX11635EVSYS#	Development Kit for MAX11635	211.06

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

◆ Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Resolution (±Counts)	Conversion Rate (ksps) (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	0/2.048	2.048	---/2	1	19.34	9.81	9.03
700-ICL7129ACPL2	ICL7129ACPL+2	PDIP-40W	20000	-	7-Seg	0/14	-2.8	---/15	---	18.46	8.91	8.20
700-ICL7135CPI	ICL7135CPI+	PDIP-28W	20000	-	µP/4,UART	-5/5	---	---/2	---	14.77	7.49	6.89
<b>Evaluation Kit</b>												
700-MAX1493EVKIT	MAX1493EVKIT+									84.97	-	-

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

◆ Surface Mount Device



For quantities greater than listed, call for quote.

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-DS4412U	DS4412U+	µSOP-8	4	2	Curr Buffered	Serial I2C	1	---	2.7/535	1.34	.681	.626
700-DS4402N	DS4402N+	TDFN-14	5	2	Curr Buffered	Serial I2C	1	---	2.7/535	1.60	.811	.746
700-DS4404N	DS4404N+	TDFN-14	5	4	Curr Buffered	Serial I2C	1	---	2.7/535	2.00	1.01	.933
700-MAX5360MEUKT	MAX5360MEUK+T	SOT-5	6	1	Volt Buffered	Serial I2C	1	0.23	2.7/3.6	1.29	.96	.85
700-MAX5362LEUKT	MAX5362LEUK+T	SOT-5	6	1	Volt Buffered	Serial I2C	1	0.23	2.7/5.5	1.29	.96	.85
700-MAX5362MEUKT	MAX5362MEUK+T	SOT-5	6	1	Volt Buffered	Serial I2C	1	0.23	2.7/5.5	1.29	.96	.85
700-DS4432U	DS4432U+	µMAX-8	7	2	Curr Buffered	Serial I2C	1	0.15	2.7/5.5	1.34	.681	.626
700-DS4424N	DS4424N+	TDFN-18	7	4	Curr Buffered	Serial I2C	1	---	2.7/5.5	2.00	1.01	.933
700-MAX517ACSA	MAX517ACSA+	SOIC-8	8	1	Volt Buffered	Serial I2C	1	3.5	4.5/5.5	9.06	4.38	4.03
700-MAX517AESA	MAX517AESA+	SOIC-8	8	1	Volt Buffered	Serial I2C	1	3.5	4.5/5.5	6.21	4.59	3.99
700-MAX517BCPA	MAX517BCPA+	PDIP-8	8	1	Volt Buffered	Serial I2C	1.5	3.5	4.5/5.5	4.63	3.43	2.98
700-MAX517BCSA	MAX517BCSA+	SOIC-8	8	1	Volt Buffered	Serial I2C	1.5	3.5	4.5/5.5	6.96	4.64	3.09
700-MAX5380LEUKT	MAX5380LEUK+T	SOT-5	8	1	Volt Buffered	Serial I2C	1	0.23	2.7/3.6	1.92	1.44	1.26
700-MAX5380MEUKT	MAX5380MEUK+T	SOT-5	8	1	Volt Buffered	Serial I2C	1	0.23	2.7/3.6	1.92	1.44	1.26
700-MAX5382LEUKT	MAX5382LEUK+T	SOT-5	8	1	Volt Buffered	Serial I2C	1	0.23	2.7/5.5	1.92	1.44	1.26
700-MAX5383EUTT	MAX5383EUT+T	TSOT-6	8	1	Volt Buffered	Serial SPI	1	0.23	2.7/3.6	2.27	1.71	1.49
700-MAX5385EUTT	MAX5385EUT+T	TSOT-6	8	1	Volt Buffered	Serial SPI	1	0.23	2.7/5.5	2.27	1.71	1.49
700-MAX5480BEEE	MAX5480BEEE+	QSOP-16	8	1	Curr Unbuff	Parallel-FW	0.5	0.5	5/5	5.26	2.67	2.36
700-MAX550ACPA	MAX550ACPA+	PDIP-8	8	1	Volt Buffered	Serial SPI	---	0.55	2.5/5.5	5.09	2.48	2.16
700-MAX550ACUA	MAX550ACUA+	µMAX-8	8	1	Volt Buffered	Serial SPI	---	0.55	2.5/5.5	4.80	2.43	2.16
700-MAX550AEUA	MAX550AEUA+	µMAX-8	8	1	Volt Buffered	Serial SPI	---	0.55	2.5/5.5	6.64	3.24	2.81
700-MAX5510ETC	MAX5510ETC+	TQFN-12	8	1	Volt Buffered	Serial SPI	1	0.005	1.8/5.5	1.41	1.25	1.23
700-MAX5511ETC	MAX5511ETC+	TQFN-12	8	1	Volt Buffered	Serial SPI	1	0.007	1.8/5.5	2.05	1.82	1.78
700-MX7224KCWN	MX7224KCWN+	SOIC-18W	8	1	Volt Buffered	Parallel-FW	1	6	-5.5/16.5	7.91	4.01	3.69
700-MX7224KN	MX7224KN+	PDIP-18	8	1	Volt Buffered	Parallel-FW	1	6	-5.5/16.5	7.91	4.01	3.69
700-MX7224LCWN	MX7224LCWN+	SOIC-18W	8	1	Volt Buffered	Parallel-FW	1	---	-5.5/16.5	11.79	5.64	5.19
700-MX7224LN	MX7224LN+	PDIP-18	8	1	Volt Buffered	Parallel-FW	1	6	-5.5/16.5	11.11	5.64	5.19
700-MX7523JCWE	MX7523JCWE+	SOIC-16W	8	1	Volt Unbuff	Parallel-FW	---	0.1	5/16	7.89	4.00	3.55
700-MX7523JN	MX7523JN+	PDIP-16	8	1	Volt Unbuff	Parallel-FW	---	0.1	5/16	7.89	4.00	3.55
700-MX7524JCSE	MX7524JCSE+	SOIC-16	8	1	Curr Unbuff	Parallel-FW	0.5	2	5/15	6.31	3.20	2.95
700-MX7524JCSET	MX7524JCSE+T	SOIC-16	8	1	Curr Unbuff	Parallel-FW	0.5	---	5/15	6.10	4.05	3.24
700-MX7524KCSE	MX7524KCSE+	SOIC-16	8	1	Curr Unbuff	Parallel-FW	0.5	2	5/15	6.70	3.27	3.01
700-MX7524LCSE	MX7524LCSE+	SOIC-16	8	1	Curr Unbuff	Parallel-FW	0.5	---	5/15	11.15	5.33	4.91
700-MAX5102AEUE	MAX5102AEUE+	TSSOP-16	8	2	Volt Buffered	Parallel-FW	1	0.36	2.7/5.5	5.64	4.20	3.73
700-MAX5102BEUE	MAX5102BEUE+	TSSOP-16	8	2	Volt Buffered	Parallel-FW	2	0.36	2.7/5.5	6.91	3.51	3.23
700-MAX5109EEE	MAX5109EEE+	QSOP-16	8	2	Volt Buffered	Serial I2C	---	---	2.7/5.25	4.23	3.75	3.75
700-MAX5189BEEI	MAX5189BEEI+	QSOP-28	8	2	---	Parallel	0.25	---	3	9.09	4.47	4.12
700-MAX518ACSA	MAX518ACSA+	SOIC-8	8	2	Volt Buffered	Serial I2C	1	6	4.5/5.5	9.69	4.68	4.31
700-MAX518BCPA	MAX518BCPA+	PDIP-8	8	2	Volt Buffered	Serial I2C	1.5	6	4.5/5.5	4.55	3.37	2.93
700-MAX518BCSA	MAX518BCSA+	SOIC-8	8	2	Volt Buffered	Serial I2C	1.5	6	4.5/5.5	7.47	4.98	3.32
700-MAX5191BEEI	MAX5191BEEI+	QSOP-28	8	2	---	Parallel	0.25	---	3	9.09	4.47	4.12
700-MAX519ACPE	MAX519ACPE+	PDIP-8	8	2	Volt Buffered	Serial I2C	1	---	4.5/5.5	6.74	5.00	4.35
700-MAX519BCPE	MAX519BCPE+	PDIP-8	8	2	Volt Buffered	Serial I2C	1	---	4.5/5.5	5.19	3.83	3.33
700-MAX5222EKAT	MAX5222EKA+T	SOT-8	8	2	Volt Buffered	Serial SPI	1	1	2.7/5.5	2.97	2.24	1.96
700-MAX522CPA	MAX522CPA+	PDIP-8	8	2	Volt Buffered	Serial SPI	1.5	2.8	2.7/5.5	4.54	3.37	2.93
700-MAX522CSA	MAX522CSA+	SOIC-8	8	2	Volt Buffered	Serial SPI	1.5	2.8	2.7/5.5	7.11	3.61	3.20
700-MAX522ESA	MAX522ESA+	SOIC-8	8	2	Volt Buffered	Serial SPI	1.5	2.8	2.7/5.5	6.43	4.68	4.15
700-MAX548ACPA	MAX548ACPA+	PDIP-8	8	2	Volt Unbuff	Serial SPI	---	0.55	2.5/5.5	5.86	2.97	2.58
700-MAX548ACUA	MAX548ACUA+	µMAX-8	8	2	Volt Unbuff	Serial SPI	---	0.55	2.5/5.5	6.09	2.97	2.58
700-MAX548AEUA	MAX548AEUA+	µMAX-8	8	2	Volt Unbuff	Serial SPI	---	0.55	2.5/5.5	7.91	3.86	3.36
700-MAX549ACPA	MAX549ACPA+	PDIP-8	8	2	Volt Unbuff	Serial SPI	---	0.55	2.5/5.5	6.09	2.97	2.58
700-MAX549ACUA	MAX549ACUA+	µMAX-8	8	2	Volt Unbuff	Serial SPI	---	0.55	2.5/5.5	5.74	2.91	2.58
700-MAX549AEUA	MAX549AEUA+	µMAX-8	8	2	Volt Unbuff	Serial SPI	---	0.55	2.5/5.5	7.46	3.78	3.36
700-MAX5512EUA	MAX5512EUA+	µMAX-8	8	2	Volt Buffered	Serial SPI	1	0.006	1.8/5.5	1.70	1.51	1.49
700-MAX5513EUA	MAX5513EUA+	µMAX-8	8	2	Volt Buffered	Serial SPI	1	0.008	1.8/5.5	2.22	1.97	1.93
700-MAX5515ETC	MAX5515ETC+	TQFN-12	8	2	Volt Buffered	Serial SPI	1	---	1.8/5.5	2.23	1.97	1.97
700-MAX5820LEUA	MAX5820LEUA+	µMAX-8	8	2	Volt Buffered	Serial I2C	1	0.215	2.7/5.5	1.49	1.33	1.33
700-MAX5820MEUA	MAX5820MEUA+	µMAX-8	8	2	Volt Buffered	Serial I2C	1	0.215	2.7/5.5	1.49	1.33	1.33