

MAXIM Analog ICs



This product is RoHS compliant.



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

◆ Surface Mount Device

For quantities of 500 and up, 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-MAX1281BEUP	MAX1281BEUP+	TSSOP-20	12	8	300	SPI	1.0/3.6	1	1			
◆ 700-MAX128BEAI	MAX128BEAI+	SSOP-28	12	8	8	I2C	2.4/4.18	1	1			
◆ 700-MAX1290BCEI	MAX1290BCEI+	QSOP-28	12	8	400	µP/8	1.0/5.5	1	1			
◆ 700-MAX1290BEEI	MAX1290BEEI+	QSOP-28	12	8	400	µP/8	1.0/5.5	1	1			
◆ 700-MAX1291BEEI	MAX1291BEEI+	QSOP-28	12	8	250	µP/8	1.0/3.6	1	1			
◆ 700-MAX146ACAP	MAX146ACAP+	SSOP-20	12	8	133	SPI	1.0/3.6	2	1			
◆ 700-MAX146BEAP	MAX146BEAP+	SSOP-20	12	8	133	SPI	1.0/3.6	2	1			
◆ 700-MAX147BCAP	MAX147BCAP+	SSOP-20	12	8	133	SPI	1.0/5.25	2	1			
◆ 700-MAX147BCPP	MAX147BCPP+	PDIP-20	12	8	133	SPI	1.0/5.25	2	1			
◆ 700-MAX147BEAP	MAX147BEAP+	SSOP-20	12	8	133	SPI	1.0/5.25	2	1			
700-MAX180BCPL	MAX180BCPL+	PDIP-40W	12	8	100	µP/16	-4.92/-5.08	1	1			
700-MAX186BCPP	MAX186BCPP+	PDIP-20	12	8	133	SPI	2.5/5.25	1	---			
◆ 700-MAX186BCWP	MAX186BCWP+	SOIC-20	12	8	133	SPI	2.5/5.25	1	---			
◆ 700-MAX186CCWP	MAX186CCWP+	SOIC-20	12	8	133	SPI	2.5/5.25	1	---			
700-MAX186DCPP	MAX186DCPP+	PDIP-20	12	8	133	SPI	2.5/5.25	1	---			
◆ 700-MAX186DCWP	MAX186DCWP+	SOIC-20	12	8	133	SPI	2.5/5.25	1	---			
◆ 700-MAX186DEAP	MAX186DEAP+	SSOP-20	12	8	133	SPI	2.5/5.25	1	---			
700-MAX188DCPP	MAX188DCPP+	PDIP-20	12	8	133	SPI	2.5/5.25	1	---			
◆ 700-MAX188DCWP	MAX188DCWP+	SOIC-20	12	8	133	SPI	2.5/5.25	1	---			
700-MAX197ACNI	MAX197ACNI+	PDIP-28	12	8	100	µP/8	2.4/4.18	1	1			
◆ 700-MAX197ACWI	MAX197ACWI+	SOIC-28W	12	8	100	µP/8	2.4/4.18	1	1			
◆ 700-MAX197BCAI	MAX197BCAI+	SSOP-28	12	8	100	µP/8	2.4/4.18	1	1			
◆ 700-MAX197BCNI	MAX197BCNI+	PDIP-28	12	8	100	µP/8	2.4/4.18	1	1			
◆ 700-MAX197BCWI	MAX197BCWI+	SOIC-28W	12	8	100	µP/8	2.4/4.18	1	1			
700-MAX197BENI	MAX197BENI+	PDIP-28	12	8	100	µP/8	2.4/4.18	1	1			
◆ 700-MAX197BEWI	MAX197BEWI+	SOIC-28W	12	8	100	µP/8	2.4/4.18	1	1			
◆ 700-MAX1254BEUE	MAX1254BEUE+	TSSOP-16	12	10	94	SPI	1.0/5.0	1	1			
◆ 700-MAX1228BEEP	MAX1228BEEP+	QSOP-20	12	12	300	SPI	1.0/5.25	1	1			
◆ 700-MAX1229BCEP	MAX1229BCEP+	QSOP-20	12	12	300	SPI	1.0/3.6	1	1			
◆ 700-MAX1229BEEP	MAX1229BEEP+	QSOP-20	12	12	300	SPI	1.0/3.6	1	1			
◆ 700-MAX1238EEE	MAX1238EEE+	QSOP-16	12	12	94.4	I2C	1.0/5.5	1	1			
◆ 700-MAX1239EEE	MAX1239EEE+	QSOP-16	12	12	94.4	I2C	1.0/3.6	1	1			
◆ 700-MAX1239KEEE	MAX1239KEEE+	QSOP-16	12	12	94.4	I2C	1.0/3.6	1	1			
◆ 700-MAX1230BCTI	MAX1230BCTI+	QSOP-20	12	16	300	SPI	1.0/5.25	1	1			
◆ 700-MAX1230BEEG	MAX1230BEEG+	QSOP-24	12	16	300	SPI	1.0/5.25	1	1			
◆ 700-MAX1230BETI	MAX1230BETI+	TQFN-28	12	16	300	SPI	1.0/5.25	1	1			
◆ 700-MAX1231BEEG	MAX1231BEEG+	QSOP-24	12	16	300	SPI	1.0/3.6	1	1			
700-MAX1231BETI	MAX1231BETI+	TQFN-28	12	16	300	SPI	1.0/3.6	1	1			
◆ 700-MAX1066BCUP	MAX1066BCUP+	TSSOP-20	14	1	165	µP/8	3.8/5.0	1	3			
◆ 700-MAX1142BEAP	MAX1142BEAP+	SSOP-20	14	1	200	SPI	3.0/4.2	1.375	1			
◆ 700-MAX1144BEAP	MAX1144BEAP+	SSOP-20	14	1	150	SPI	1.9/2.2	1	1			
700-MAX121CPE	MAX121CPE+	PDIP-16	14	1	308	SPI	---/---	1.5	2			
◆ 700-MAX194BEWE	MAX194BEWE+	SOIC-16	14	1	85	SPI	---/5.0	1	1			
700-MAX110BCPE	MAX110BCPE+	PDIP-16	14	2	0.05	SPI	-5.3/5.3	2	4.9			
◆ 700-MAX110BCWE	MAX110BCWE+	SOIC-16W	14	2	0.05	SPI	-5.3/5.3	2	4.9			
◆ 700-MAX1147BEUP	MAX1147BEUP+	TSSOP-20	14	4	116	SPI	1.5/3.3	0.5	0.7			
◆ 700-MAX1148BEUP	MAX1148BEUP+	TSSOP-20	14	8	116	SPI	1.5/5.0	0.5	0.7			
◆ 700-MAX1149BEUP	MAX1149BEUP+	TSSOP-20	14	8	116	SPI	1.5/3.3	0.5	0.7			
◆ 700-MAX125CCAXD	MAX125CCAXD	SSOP-36	14	8	250	µP/14	2.25/2.75	---	2			
◆ 700-MAX125CEAXD	MAX125CEAXD	SSOP-36	14	8	250	µP/14	2.25/2.75	---	2			
700-MAX135CPI	MAX135CPI+	PDIP-28W	15	1	0.0016	µP/8	---/0.545	---	---			
◆ 700-MAX135CWI	MAX135CWI+	SOIC-28W	15	1	0.0016	µP/8	---/0.545	---	---			
◆ 700-MAX1132BEAP	MAX1132BEAP+	SSOP-20	16	1	200	SPI	3.0/4.2	1.375	1			
◆ 700-MAX1133BEAP	MAX1133BEAP+	SSOP-20	16	1	200	SPI	3.0/4.2	1.375	1			
◆ 700-MAX1135BEAP	MAX1135BEAP+	SSOP-20	16	1	150	SPI	1.9/2.2	1.375	1			
◆ 700-MAX195BEWE	MAX195BEWE+	SOIC-16	16	1	85	SPI	---/5.0	2	1.96608			
◆ 700-DS2450S	DS2450S+	SOIC-8	16	4	1	1-Wire	2.56/5.12	---	---			
◆ 700-MAX11044ETN	MAX11044ETN+	TQFN-56	16	4	250	µP/16	3.0/4.25	0.5	0.8			
◆ 700-MAX11045ETN	MAX11045ETN+	TQFN-56	16	6	250	µP/16	3.0/4.25	0.5	0.8			
◆ 700-MAX11046ETN	MAX11046ETN+	TQFN-56	16	8	250	µP/16	3.0/4.25	0.5	0.8			
700-MAX132CNG	MAX132CNG+	PDIP-24	18	1	0.1	SPI	---/0.545	---	---			
◆ 700-MAX132CWG	MAX132CWG+	SOIC-24W	18	1	0.1	SPI	---/0.545	---	---			
700-MAX132ENG	MAX132ENG+	PDIP-24	18	1	0.1	SPI	---/0.545	---	---			
◆ 700-MAX132EWG	MAX132EWG+	SOIC-24W	18	1	0.1	SPI	---/0.545	---	---			
◆ 700-MAX1400EAI	MAX1400EAI+	SSOP-28	18	5	4.8	SPI	0.0/2.5	---	3.93216			
◆ 700-MAX1401EAI	MAX1401EAI+	SSOP-28	18	5	4.8	SPI	0.0/1.25	---	3.93216			
◆ 700-MAX1403EAI	MAX1403EAI+	SSOP-28	18	5	4.8	SPI	0.0/1.25	---	3			
◆ 700-MAX11040GUU	MAX11040GUU+	TSSOP-38	24	4	64	SPI	2.3/2.7	0.1	167.77216			

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

◆ Surface Mount Device

For quantities of 500 and up, call for quote.

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	---			
700-ICL7109CPL	ICL7109CPL+	PDIP-40W	4096	0.03	µP/12,UART	-5/5	-2.8	---/3.5	---			
700-ICL7129ACPL2	ICL7129ACPL2+	PDIP-40W	20000	-	7-Seg	0/14	-2.8	---/15	---			
700-ICL7135CPI	ICL7135CPI+	PDIP-28W	20000	-	µP/4,UART	-5/5	---	---/2	---			
700-ICL7136CPL	ICL7136CPL+	PDIP-40W	2000	0.0025	7-Seg	-9/9	---	---/9	---			
700-ICL7137CPL	ICL7137CPL+	PDIP-40W	2000	0.0025	7-Seg	-5/5	3	---/0.2	---			
700-MAX138CPL	MAX138CPL+	PDIP-40W	2000	-	7-Seg	0/7	---	---/7	---			
700-MAX1491CNI	MAX1491CNI+	PDIP-28	2000	0.0025	7-Seg	0/2.048	2.048	---/2	1			
◆ 700-MAX1493CCJ	MAX1493CCJ+	LQFP-32	20000	0.0025	7-Seg	0/2.048	2.048	---/2	1			
◆ 700-MAX1494CCJ	MAX1494CCJ+	LQFP-32	20000	0.0025	7-Seg	0/2.048	2.048	---/2	1			
◆ 700-MAX1495CCJ	MAX1495CCJ+	LQFP-32	20000	0.0025	7-Seg	0/2.048	2.048	---/2	1			
◆ 700-MAX1496EPI	MAX1496EPI+	PDIP-28W	2000	0.005	7-Seg	0/2.048	2.048	---/2	1			

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