

# MAXIM INTEGRATED Amplifiers

RoHS Compliant This product is RoHS compliant.



Amplifier ICs

Maxim Integrated

## COMPARATORS ◆ Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	No. of Comparators	t <sub>PD</sub> (ns) (Typ.)	Input Range	Total Supply Voltage (Min./Max.) (V)	I <sub>CC</sub> Per Comp. (Max.) (μA)	V <sub>OS</sub> (mV) (Max.)	Logic Output	Price Each		
										1	25	100
◆ 700-MAX9051AESA	MAX9051AESA+	SO-8	1	0.4	-	2.7/5.5	72	7	TTL/CMOS	3.29	1.67	1.53
◆ 700-MAX9691ESA	MAX9691ESA+	SO-8	1	1.2	-	9.5/10.5	26000	6.5	ECL	6.91	3.51	3.23
◆ 700-MAX9691EUA	MAX9691EUA+	μMAX-8	1	1.2	-	9.5/10.5	26000	6.5	ECL	6.91	3.51	3.23
◆ 700-MAX961ESA	MAX961ESA+	SOIC-8	1	4.5	to Neg. Rail	2.7/5.5	11000	0.5/1.5	Push-Pull	7.37	3.74	3.44
◆ 700-MAX961EUA	MAX961EUA+	μMAX-8	1	4.5	to Neg. Rail	2.7/5.5	11000	0.5/1.5	Push-Pull	7.37	3.74	3.44
◆ 700-MAX999EUKT	MAX999EUK+T	SOT-23-5	1	4.5	to Neg. Rail	2.7/5.5	6500	0.5/1.5	Push-Pull	7.84	5.91	4.21
◆ 700-MAX9013EUA	MAX9013EUA+	μMAX-8	1	5	to Neg. Rail	4.5/5.5	2300	5	Push-Pull	3.71	1.88	1.73
◆ 700-MAX9203ESA	MAX9203ESA+	SOIC-8	1	7	to Neg. Rail	4.75/10.5	2000	1/4	Push-Pull	2.77	1.41	1.29
◆ 700-MAX903CSA	MAX903CSA+	SOIC-8	1	8	to Neg. Rail	5/10	4000	1/4	Push-Pull	8.89	4.51	4.15
◆ 700-MAX903ESA	MAX903ESA+	SOIC-8	1	8	to Neg. Rail	5/10	4000	1/4	Push-Pull	13.74	6.97	6.41
◆ 700-MAX913CPA	MAX913CPA+	PDIP-8	1	10	to Neg. Rail	5/10	10000	0.8/2	Push-Pull	7.09	3.59	3.31
◆ 700-MAX913CSA	MAX913CSA+	SOIC-8	1	10	to Neg. Rail	5/10	10000	0.8/2	Push-Pull	7.06	3.58	3.29
◆ 700-MAX913ESA	MAX913ESA+	SOIC-8	1	10	to Neg. Rail	5/10	10000	0.8/2	Push-Pull	9.20	4.67	4.29
◆ 700-MAX998ESA	MAX998ESA+	SOIC-8	1	22	to Neg. Rail	2.7/5.5	650	0.2/2	Push-Pull	5.00	2.54	2.33
◆ 700-MAX918ESA	MAX918ESA+	SO-8	1	20	-	1.8/5.5	0.8	10	Open Drain	2.66	1.35	1.24
◆ 700-MAX941CPA	MAX941CPA+	PDIP-8	1	80	Rail to Rail, to Neg. Rail	2.7/5.5	600	4	Push-Pull	3.83	1.94	1.79
◆ 700-MAX941CSA	MAX941CSA+	SOIC-8	1	80	to Neg. Rail	2.7/5.5	600	1/4	Push-Pull	3.83	1.94	1.79
◆ 700-MAX941ESA	MAX941ESA+	SOIC-8	1	80	to Neg. Rail	2.7/5.5	600	1/4	Push-Pull	4.77	2.42	2.23
◆ 700-MAX941EUA	MAX941EUA+	μMAX-8	1	80	Rail to Rail, to Neg. Rail	2.7/5.5	600	4	Push-Pull	4.77	2.42	2.23
◆ 700-MAX987ESA	MAX987ESA+	SO-8	1	120	Rail to Rail, to Neg. Rail	2.5/5.5	80	5	Push-Pull	1.94	.985	.906
◆ 700-MAX988ESA	MAX988ESA+	SO-8	1	120	Rail to Rail, to Neg. Rail	2.5/5.5	80	5	Open Drain	1.94	.985	.906
◆ 700-MAX9031AUKT	MAX9031AUK+T	SOT-23-5	1	188	to Neg. Rail	2.5/5.5	55	1/5	Push-Pull	.92	.68	.49
◆ 700-MAX9075EXKT	MAX9075EXK+T	SC-70-5	1	580	to Neg. Rail	2.1/5.5	5.2	8	Push-Pull	2.30	1.70	1.23
◆ 700-MAX9061EBSTG45	MAX9061EBS+TG45	USCP-4	1	2500	Rail to Rail, above Pos. Rail, to Neg. Rail	0.9/5.5	0.35	9	Open Drain	.93	.70	.612
◆ 700-MAX9061EUKT	MAX9061EUK+T	SOT-5	1	2500	Rail to Rail, above Pos. Rail, to Neg. Rail	0.9/5.5	0.35	9	Open Drain	.93	.70	.612
◆ 700-MAX9021AUKT	MAX9021AUK+T	SOT-23-5	1	3000	to Neg. Rail	2.5/5.5	5	8	Push-Pull	1.11	.74	.54
◆ 700-MAX9119EXKT	MAX9119EXK+T	SC70-5	1	14000	Rail to Rail, to Neg. Rail	1.8/5.5	0.8	5	Push-Pull	2.16	1.63	1.42
◆ 700-MAX919EUKT	MAX919EUK+T	SO-23-5	1	22000	Rail to Rail, to Neg. Rail	1.8/5.5	1.3	5	Push-Pull	2.30	1.70	1.24
◆ 700-MAX9060EBSTG45	MAX9060EBS+TG45	USCP-4	1	25000	Rail to Rail, above Pos. Rail, to Neg. Rail	0.9/5.5	0.35	9	Open Drain	.93	.70	.612
◆ 700-MAX975ESA	MAX975ESA+	SO-8	1	28/480	-	2.7/5.25	500/5	2	TTL/CMOS	5.74	2.91	2.68
◆ 700-MAX975EUA	MAX975EUA+	μMAX-8	1	28/480	-	2.7/5.25	500/5	0.2/2	TTL/CMOS	5.74	2.91	2.68
◆ 700-MAX9601EUP	MAX9601EUP+	TSSOP-20	2	0.5	-	8.3/10.5	12000	1/5	PECL	12.51	6.35	5.84
◆ 700-MAX9693ESE	MAX9693ESE+	SO-16N	2	1.2	-	9.5/10.5	23000	6.5	ECL	9.03	4.58	4.21
◆ 700-MAX962ESA	MAX962ESA+	SOIC-8	2	4.5	to Neg. Rail	2.7/5.5	8000	0.5/1.5	Push-Pull	12.51	6.35	5.84
◆ 700-MAX962EUA	MAX962EUA+	μMAX-8	2	4.5	to Neg. Rail	2.7/5.5	8000	0.5/1.5	Push-Pull	12.51	6.35	5.84
◆ 700-MAX9202ESD	MAX9202ESD+	SOIC-14	2	7	to Neg. Rail	4.75/10.5	4000	1/4	Push-Pull	4.60	2.33	2.15
◆ 700-MAX9202EUD	MAX9202EUD+	TSSOP-14	2	7	to Neg. Rail	4.75/10.5	4000	1/4	Push-Pull	4.60	2.33	2.15
◆ 700-MAX912CPE	MAX912CPE+	PDIP-16	2	10	to Neg. Rail	5/10	10000	2	Push-Pull	10.83	5.49	5.05
◆ 700-MAX912CSE	MAX912CSE+	SOIC-16	2	10	to Neg. Rail	5/10	10000	0.8/2	Push-Pull	10.83	5.49	5.05
◆ 700-MAX912ESE	MAX912ESE+	SOIC-16	2	10	to Neg. Rail	5/10	10000	0.8/2	Push-Pull	14.03	7.12	6.55
◆ 700-MAX976ESA	MAX976ESA+	SOIC-8	2	20	to Neg. Rail	2.7/5.5	650	0.2/2	Push-Pull	6.03	3.06	2.81
◆ 700-MAX976EUA	MAX976EUA+	μMAX-8	2	20	to Neg. Rail	2.7/5.5	650	0.2/2	Push-Pull	6.03	3.06	2.81
◆ 700-MAX907CPA	MAX907CPA+	PDIP-8	2	40	to Neg. Rail	4.5/11	1000	0.5/2	Push-Pull	4.74	2.41	2.21
◆ 700-MAX907CSA	MAX907CSA+	SOIC-8	2	40	to Neg. Rail	4.5/11	1000	0.5/2	Push-Pull	4.74	2.41	2.21
◆ 700-MAX907ESA	MAX907ESA+	SOIC-8	2	40	to Neg. Rail	4.5/11	1000	0.5/2	Push-Pull	5.66	2.87	2.64
◆ 700-MAX9142ESA	MAX9142ESA+	SOIC-8	2	40	to Neg. Rail	2.7/5.5	300	0.5/2	Push-Pull	2.29	1.16	1.07
◆ 700-MAX942CSA	MAX942CSA+	SOIC-8	2	80	to Neg. Rail	2.7/5.5	500	1/4	Push-Pull	4.11	2.09	1.92
◆ 700-MAX942ESA	MAX942ESA+	SOIC-8	2	80	to Neg. Rail	2.7/5.5	500	1/4	Push-Pull	5.11	2.59	2.39
◆ 700-LMX393AUA	LMX393AUA+	μMAX-8	2	100	to Neg. Rail	1.8/5.5	120	7	Open Drain	1.05	.70	.51
◆ 700-MAX9032ASA	MAX9032ASA+	SO-8	2	188	to Neg. Rail	2.5/5.5	55	5	Push-Pull	1.14	.579	.533
◆ 700-MAX9077ESA	MAX9077ESA+	SO-8	2	580	to Neg. Rail	2.1/5.5	5.2	8	Push-Pull	2.66	1.35	1.24
◆ 700-MAX9022ASA	MAX9022ASA+	SO-8	2	3000	to Neg. Rail	2.5/5.5	5	8	Push-Pull	1.20	.608	.56
◆ 700-MAX972CSA	MAX972CSA+	SO-8	2	12000	to Neg. Rail	2.5/11	1.6	10	Open Drain	2.74	1.39	1.28
◆ 700-MAX44289EWL+T	MAX44289EWL+T	WLP-9	2	13000	Rail to Rail	1.8/5.5	0.85	5	Open Drain	1.29	.86	.64
◆ 700-MAX977ESD	MAX977ESD+	SO-14	2	28/480	-	2.7/5.25	1000/10	2	TTL/CMOS	10.31	5.23	4.81
◆ 700-MAX9201EUE	MAX9201EUE+	TSSOP-16	4	7	to Neg. Rail	4.75/10.5	7000	1/4	Push-Pull	6.26	3.17	2.92
◆ 700-MAX901BCSE	MAX901BCSE+	SOIC-16	4	8	to Neg. Rail	5/10	4000	0.5/2	Push-Pull	13.77	6.99	6.43
◆ 700-MAX9144ESD	MAX9144ESD+	SOIC-14	4	40	to Neg. Rail	2.7/5.5	300	0.5/2	Push-Pull	3.57	1.81	1.67
◆ 700-MAX9144EUD	MAX9144EUD+	TSSOP-14	4	40	Rail to Rail, to Neg. Rail	2.7/5.5	300	2	Push-Pull	3.57	1.81	1.67
◆ 700-MAX944CPD	MAX944CPD+	PDIP-14	4	80	Rail to Rail, to Neg. Rail	2.7/5.5	500	4	Push-Pull	6.83	3.46	3.19
◆ 700-MAX944CSD	MAX944CSD+	SOIC-14	4	80	to Neg. Rail	2.7/5.5	500	1/4	Push-Pull	6.83	3.46	3.19
◆ 700-LMX339AUD	LMX339AUD+	TSSOP-14	4	100	to Neg. Rail	1.8/5.5	120	7	Open Drain	1.41	.94	.639
◆ 700-MAX516ACNG	MAX516ACNG+	PDIP-24N	4	800	-	4.75/16.5	10	4.9	TTL/CMOS	10.97	5.35	4.92
Evaluation Kits												
◆ 700-MAX9060EVKIT	MAX9060EVKIT+	Description Evaluation Kit for MAX9060 Series								59.67	-	-

## COMPARATORS PLUS REFERENCE ◆ Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	No. of Comparators	t <sub>PD</sub> (μs) (Typ.)	Threshold Voltage	Supply Voltage (Min./Max.) (V)	I <sub>CC</sub> (Max.) (μA)	V <sub>OS</sub> (mV) (Max.)	Int. Ref Accuracy (%)	Price Each		
										1	25	100
◆ 700-MAX921CSA	MAX921CSA+	SOIC-8	1	12	1.182	2.5/11	3.2	10	1	4.43	2.25	2.07
◆ 700-MAX921CUA	MAX921CUA+	μMAX-8	1	12	1.182	2.5/11	3.2	10	1	4.74	2.41	2.21
◆ 700-MAX921EPA	MAX921EPA+	PDIP-8	1	12	1.182	2.5/11	3.2	10	1	5.11	2.59	2.39
◆ 700-MAX921ESA	MAX921ESA+	SOIC-8	1	12	1.182	2.5/11	3.2	10	1	5.11	2.59	2.39
◆ 700-MAX931CPA	MAX931CPA+	PDIP-8	1	12	1.182	2.5/11	3.2	11	2	2.87	1.92	1.28
◆ 700-MAX931CSA	MAX931CSA+	SOIC-8	1	12	1.182	2.5/11	3.2	11	2	2.74	1.39	1.28
◆ 700-MAX931CUA	MAX931CUA+	μMAX-8	1	12	1.182	2.5/11	3.2	10	2	3.20	1.62	1.49
◆ 700-MAX931ESA	MAX931ESA+	SOIC-8	1	12	1.182	2.5/11	3.2	11	2	3.20	1.62	1.49
◆ 700-MAX971CPA	MAX971CPA+	PDIP-8	1	12	1.182	2.5/11	3.2	10	1	4.61	3.08	2.04
◆ 700-MAX923CSA	MAX923CSA+	SOIC-8	2	12	1.182	2.5/11	4.5	10	1	5.43	2.75	2.53
◆ 700-MAX923ESA	MAX923ESA+	SOIC-8	2	12	1.182	2.5/11	4.5	10	1	7.11	3.61	3.32
◆ 700-MAX931EPA	MAX931EPA+	PDIP-8	2	12	1.182	2.5/11	3.2	10	2	3.37	2.25	1.49
◆ 700-MAX932CPA	MAX932CPA+	PDIP-8	2	12	1.182	2.5/11	4.5	10	2	3.68	2.45	1.64
◆ 700-MAX932CSA	MAX932CSA+	SOIC-8	2	12	1.182	2.5/11	4.5	11	2	3.68	2.45	1.64
◆ 700-MAX932ESA	MAX932ESA+	SOIC-8	2	12	1.182	2.5/11	4.5	11	2	4.36	2.90	1.93
◆ 700-MAX973ESA	MAX973ESA+	SO-8										