

# MAXIM Amplifiers

RoHS Compliant This product is RoHS compliant.



## OPERATIONAL AMPLIFIERS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Part No.	Package	No. of Channels	Total Supply Voltage (Min/Max) (V)	I <sub>CC</sub> Per Amp (Max) (µA)	Unity Gain BW (Typ) (V/µs)	Slew Rate (Typ) (V/µs)	V <sub>OS</sub> (µV) (Max)	Price Each		
									1	25	100
◆ 700-MAX4128EUA	MAX4128EUA+	µMAX-8	2	2.7/6.5	825	25	10	750	4.64	2.29	2.11
◆ 700-MAX4132ESA	MAX4132ESA+	SOIC-8	2	2.7/6.5	1150	10	4	750	4.14	2.10	1.93
◆ 700-MAX4132EUA	MAX4132EUA+	µMAX-8	2	2.7/6.5	1150	10	4	750	4.43	2.25	2.07
◆ 700-MAX4167EPA	MAX4167EPA+	PDIP-8	2	2.7/6.5	1500	5	2	850	3.39	1.67	1.54
◆ 700-MAX4167ESA	MAX4167ESA+	SOIC-8	2	2.7/6.5	1500	5	2	850	3.27	1.64	1.51
◆ 700-MAX4168EPD	MAX4168EPD+	PDIP-14	2	2.7/6.5	1500	5	2	850	3.83	1.91	1.75
◆ 700-MAX4216ESA	MAX4216ESA+	SO-8	2	3.15/11	5.5	-	600	-	6.66	3.38	3.11
◆ 700-MAX4217EUA	MAX4217EUA+	µMAX-8	2	3.3/5	5.5	-	600	-	6.16	3.12	2.87
◆ 700-MAX4392ESA	MAX4392ESA+	SO-8	2	4.5/11	6	-	500	-	1.91	.971	.893
◆ 700-MAX4393EUB	MAX4393EUB+	µMAX-10	2	4.5/11	6	-	500	-	2.06	1.04	.96
◆ 700-MAX9633ATA+T	MAX9633ATA+T	TDFN-8	2	4.5/36	5000	27	18	200	6.78	4.52	3.16
◆ 700-MAX9633ASA+	MAX9633ASA+	SOICN-EP-8	2	4.5/36	5000	27	18	200	6.46	3.28	3.01
◆ 700-MAX4019ESD	MAX4019ESD+	SO-14	3	3.3/5	5.5	-	600	-	5.74	2.91	2.68
◆ 700-MAX4382EUD	MAX4382EUD+	TSSOP-14	3	4.5/11	5.5	-	485	-	3.91	1.99	1.83
◆ 700-ICL7641ECPD	ICL7641ECPD+	PDIP-14	4	2/16	15	0.044	0.016	2000	4.97	2.45	2.26
◆ 700-MAX414CSD	MAX414CSD+	SOIC-14	4	2.4/10.5	2700	28	4.5	320	14.46	9.64	6.99
◆ 700-MAX4234ASD	MAX4234ASD+	SO-14	4	2.7/5.5	1100	10	10	6000	2.60	1.32	1.21
◆ 700-MAX4495AUD	MAX4495AUD+	TSSOP-14	4	4.5/11	1100	5	3	5000	2.81	1.87	1.28

## INSTRUMENTATION AMPLIFIERS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Part No.	Package	No. of Channels	Rail to Rail	Av (V/V)	Total Supply Voltage (Min/Max) (V)	I <sub>CC</sub> Per Amp (Max) (µA)	Unity Gain BW (Typ) (V/µs)	Slew Rate (Typ) (V/µs)	V <sub>OS</sub> (µV) (Max)	Price Each		
											1	25	100
◆ 700-MAX4195ESA	MAX4195ESA+	SO-8	1	Output Only	1	2.7/7.5	0.11	0.22	0.06	450	4.70	2.32	2.14
◆ 700-MAX4196ESA	MAX4196ESA+	SO-8	1	Output Only	10	2.7/7.5	0.11	0.34	0.06	450	4.70	2.32	2.14
◆ 700-MAX4460ESA	MAX4460ESA+	SO-8	1	Output Only	Adj.	2.85/5.25	1.1	2.5	0.5	500	2.94	1.49	1.37
◆ 700-MAX9620AXK+T	MAX9620AXK+T	SC70-5	1	Input/Output	1	1.8/5.5	78	1.5	0.7	10	2.24	1.64	1.19
◆ 700-MAX4198ESA	MAX4198ESA+	SO-8	1	Input/Output	1	2.7/7.5	0.055	0.175	0.07	500	3.68	1.82	1.67

## AUDIO AMPLIFIERS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Part No.	Package	Class	Speaker Amp. VCC (V)(Max.)	P <sub>out</sub> (W)	Speaker Amp Half Power THD+N	SNR (dB)	Speaker Amp. Ext. Gain	Price Each		
									1	25	100
◆ 700-MAX9710ETP	MAX9710ETP+	TQFN-20	AB	5.5	3	0.015	98	Yes	2.03	1.03	.946
◆ 700-MAX9701ETG	MAX9701ETG+	TQFN-24	D	5.5	2.5	0.08	88.5	No	1.83	.927	.853
◆ 700-MAX9700CEUB	MAX9700CEUB+	µMAX-10	D	5.5	1.5	0.02	95.5	No	1.14	.579	.533
◆ 700-MAX97000EWA+T	MAX97000EWA+T	WLP-25	D	5.5	0.93	0.05	-	-	1.94	1.46	1.27
◆ 700-MAX97001EWP+T	MAX97001EWP+T	WLP-20	D	5.5	0.92	0.005	-	-	2.13	1.60	1.40
◆ 700-MAX97002EWP+T	MAX97002EWP+T	WLP-20	D	5.5	0.92	0.05	-	-	2.13	1.60	1.40
◆ 700-MAX9791BETI	MAX9791BETI+	TQFN-28	D	5.5	1.7	0.04	-	-	2.37	1.58	1.05
◆ 700-MAX9792AETI	MAX9792AETI+	TQFN-28	D	5.5	3	0.03	-	-	2.37	1.58	1.05
◆ 700-MAX98302ETD+T	MAX98302ETD+T	TDFN-14	D	5.5	2.4	0.04	-	-	1.35	.90	.66
◆ 700-MAX9877EWP+TG45	MAX9877EWP+TG45	WLP-20	D	5.5	0.825	0.05	-	-	2.61	1.74	1.27
◆ 700-MAX9768ETG	MAX9768ETG+	TQFN-24	D	14	10	0.09	97	Yes	2.29	1.16	1.07
◆ 700-MAX9736AETJ	MAX9736AETJ+	TQFN-32	D	28	16	0.04	96.5	Yes	2.83	1.43	1.32
◆ 700-MAX9737ETG	MAX9737ETG+	TQFN-24	D	28	14	0.06	97	-	2.17	1.10	1.01
◆ 700-MAX98400BETG+	MAX98400BETG+	TQFN-24	D	28	15	0.03	101	No	1.70	1.49	1.15
◆ 700-MAX98400AETX+	MAX98400AETX+	TQFN-36	D	28	17	0.03	107	No	2.15	1.67	1.54
◆ 700-MAX9742ETX+	MAX9742ETX+	TQFN-36	D	40	20.5	0.06	93	Yes	4.53	3.02	2.01
◆ 700-MAX97200AEWC+T	MAX97200AEWC+T	WLP-12	H	1.98	34	0.003	105	No	1.17	.86	.62
◆ 700-MAX4410EUD	MAX4410EUD+	TSSOP-14	-	3.6	-	0.006	98	Yes	1.31	.666	.613
◆ 700-MAX9723CETE+	MAX9723CETE+	TQFN-16	-	3.6	59	0.007	100	No	2.04	1.36	.906
◆ 700-MAX9724AETC	MAX9724AETC+	TQFN-12	-	5.5	63	0.02	101	Yes	1.23	.623	.573
◆ 700-MAX9724BETC	MAX9724BETC+	TQFN-12	-	5.5	63	0.02	101	Yes	1.23	.623	.573
◆ 700-MAX97220AETE+	MAX97220AETE+	TQFN-16	-	5.5	125	0.0035	102	Yes	1.14	.579	.533
◆ 700-MAX9722AETE	MAX9722AETE+	TQFN-16	-	5.5	130	0.015	103	Yes	.66	.58	.58
◆ 700-MAX9722AEUE	MAX9722AEUE+	TSSOP-16	-	5.5	130	0.015	103	Yes	.66	.58	.58
◆ 700-MAX9722BEUE	MAX9722BEUE+	TSSOP-16	-	5.5	130	0.015	103	Yes	1.31	.666	.613

## VIDEO/WIDEBAND AMPLIFIERS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Part No.	Package	No. of Channels	Total Supply Voltage (Min/Max) (V)	BW (MHz) @ -3dB	I <sub>SUPPLY</sub> (mA) (Typ)	Slew Rate (Typ) (V/µs)	I <sub>OUT</sub> (mA) (Min)	Price Each		
									1	25	100
◆ 700-MAX452CSA	MAX452CSA+	SO-8	1	9/10	5.5	25	300	14	8.68	4.27	3.93
◆ 700-MAX4213ESA	MAX4213ESA+	SOIC-8	1	3.15/11	300	5.5	600	120	4.43	2.25	2.07
◆ 700-MAX457CPA	MAX457CPA+	SO-8	2	5.5/9	70	17.5	300	15	12.76	6.47	5.96
◆ 700-MAX4026EUP	MAX4026EUP+	TSSOP-20	2	5	200	-	363	-	6.27	3.09	2.84
◆ 700-MAX4313EUA	MAX4313EUA+	µMAX-8	2	5	150	-	540	-	6.11	3.10	2.85
◆ 700-MAX4016ESA	MAX4016ESA+	SOIC-8	2	3.15/11	150	5.5	600	100	3.23	1.64	1.51
◆ 700-MAX4395ESD	MAX4395ESD+	SOIC-14	4	4.5/11	80	6	500	50	2.91	1.48	1.36
◆ 700-MAX4020ESD	MAX4020ESD+	SOIC-14	4	3.15/11	150	5.5	600	100	6.03	3.06	2.81
◆ 700-MAX4220EEE	MAX4220EEE+	QSOP-16	4	3.15/11	200	5.5	600	120	12.24	6.03	5.55

## VIDEO FILTER AMPLIFIERS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Part No.	Package	Poles	Supply Voltage (V)	Filter Type	Signal Type	Technology	Channels	Price Each		
									1	25	100
◆ 700-MAX9652ASA	MAX9652ASA+	SO-8	6	2.7-3.6	HDTV	RGB, Y Pb, Pr	-	3	1.31	.666	.613
◆ 700-MAX9653AUB	MAX9653AUB+	µMAX-10	6	2.7-3.6	HDTV	RGB, Y Pb, Pr	-	3	1.37	.695	.64
◆ 700-MAX9654AUB	MAX9654AUB+	µMAX-10	6	2.7-3.6	HDTV, SDTV	CVBS, RGB, S-Video, Y Pb Pr	-	3	1.69	.855	.786
◆ 700-MAX9516ALBT	MAX9516ALBT+	µDFN-10	5	1.8-2.5	SDTV	Async CVBS, CVBS	DirectDrive, SmartSleep	1	1.45	1.09	.955
◆ 700-MAX9507ATE	MAX9507ATE+	TQFN-16	5	1.8-2.5	SDTV	Async CVBS, CVBS	DirectDrive	1	1.54	.782	.72
◆ 700-MAX9509ATA+T	MAX9509ATA+T	TDFN-8	5	1.8-2.5	SDTV	CVBS	DirectDrive	1	1.28	.94	.68
◆ 700-MAX9503GEEE	MAX9503GEEE+	QSOP-16	6	2.7-3.6	SDTV	CVBS	DirectDrive	1	1.61	1.07	.734
◆ 700-MAX9503MEEE	MAX9503MEEE+	QSOP-16	6	2.7-3.6	SDTV	CVBS	DirectDrive	1	1.61	1.07	.734
◆ 700-MAX9505ETE	MAX9505ETE+	TQFN-16	6	2.7-3.6	SDTV	CVBS	DirectDrive	1	2.16	1.44	.979
◆ 700-MAX9508ATE	MAX9508ATE+	TQFN-16	6	2.7-3.6	SDTV	CVBS, RGB, S-Video, Y Pb Pr	SmartSleep	3	1.66	.84	.773
◆ 700-MAX9585AUB	MAX9585AUB+	µMAX-10	6	2.7-3.6	SDTV	CVBS, RGB, S-Video, Y PB PR	-	4	1.91	.971	.893
◆ 700-MAX9510AUA	MAX9510AUA+	µMAX-8	-	1.8-2.5	SDTV	Async CVBS, CVBS	DirectDrive	1	1.26	.637	.586
◆ 700-MAX9512ATE	MAX9512ATE+	TQFN-16	-	-	-	-	-	1	1.66	.84	.773