

MAXIM INTEGRATED Analog ICs



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RS-485/RS-422 LINE DRIVERS/RECEIVERS (CONT.)

Maxim Integrated Analog ICs

Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Package	Tx/Rx	Duplex	VSupply	ESD (kV)	Signal Rate (kpbs)	Price Each		
							1	25	100
700-MAX1480BEPI	PDIP-28W	1/1	Half	5	-	250	22.31	19.76	19.49
700-MAX1480CCPI	PDIP-28W	1/1	Half	5	-	250	18.03	15.97	15.75
700-MAX483CPA	PDIP-8	1/1	Half	5	-	250	2.65	2.35	2.26
700-MAX483CSA	SOIC-8	1/1	Half	5	-	250	1.96	1.74	1.68
700-MAX483ECPA	PDIP-8	1/1	Half	5	15	250	3.27	2.90	2.80
700-MAX483ECSA	SOIC-8	1/1	Half	5	15	250	2.51	2.23	2.15
700-MAX483EESA	SOIC-8	1/1	Half	5	15	250	3.73	3.31	3.20
700-MAX483EPA	PDIP-8	1/1	Half	5	-	250	3.33	2.95	2.90
700-MAX483ESA	SOIC-8	1/1	Half	5	-	250	2.66	2.36	2.28
700-MAX487CPA	PDIP-8	1/1	Half	5	-	250	2.65	2.35	2.32
700-MAX487CSA	SOIC-8	1/1	Half	5	-	250	1.96	1.74	1.72
700-MAX487CUA	µMAX-8	1/1	Half	5	-	250	1.96	1.74	1.72
700-MAX487ECPA	PDIP-8	1/1	Half	5	15	250	3.27	2.90	2.85
700-MAX487ECSA	SOIC-8	1/1	Half	5	15	250	2.51	2.23	2.15
700-MAX487ECPA	PDIP-8	1/1	Half	5	15	250	4.58	4.06	4.00
700-MAX487EESA	SOIC-8	1/1	Half	5	15	250	3.52	3.12	3.02
700-MAX487EPA	PDIP-8	1/1	Half	5	-	250	3.33	2.95	2.85
700-MAX487ESA	SOIC-8	1/1	Half	5	-	250	2.66	2.36	2.28
700-MAX13085EASA	SOIC-8	1/1	Half	5	15	500	2.58	2.28	2.20
700-MAX13085EESA	SOIC-8	1/1	Half	5	15	500	1.98	1.75	1.69
700-MAX13085ECPA	PDIP-8	1/1	Half	5	15	500	3.05	2.70	2.61
700-MAX13085EESA	SOIC-8	1/1	Half	5	15	500	2.34	2.08	2.01
700-MAX13485EESA	SOIC-8	1/1	Half	5	15	500	2.16	1.91	1.84
700-MAX13487EESA	SOIC-8	1/1	Half	5	15	500	2.23	1.98	1.95
700-MAX3085ECSA	SOIC-8	1/1	Half	5	15	500	2.26	2.00	1.93
700-MAX3085EESA	SOIC-8	1/1	Half	5	15	500	2.86	2.53	2.44
700-MAX1480ACPI	PDIP-28W	1/1	Half	5	-	2500	23.60	20.90	20.62
700-MAX1480AEP1	PDIP-28W	1/1	Half	5	-	2500	25.16	22.29	21.99
700-MAX1480EACPI	PDIP-28W	1/1	Half	5	-	2500	23.24	20.59	19.63
700-MAX1480EAP1	PDIP-28W	1/1	Half	5	-	2500	24.83	22.06	21.75
700-MAX1487CPA	PDIP-8	1/1	Half	5	-	2500	2.65	2.35	2.32
700-MAX1487CSA	SOIC-8	1/1	Half	5	-	2500	1.96	1.74	1.68
700-MAX1487ECPA	PDIP-8	1/1	Half	5	15	2500	3.27	2.90	2.85
700-MAX1487EESA	SOIC-8	1/1	Half	5	15	2500	3.65	3.23	3.12
700-MAX485ECPA	PDIPN-8	1/1	Half	5	15	2500	4.43	3.92	3.79
700-MAX481CPA	PDIP-8	1/1	Half	5	-	2500	2.65	2.35	2.26
700-MAX481CSA	SOIC-8	1/1	Half	5	-	2500	1.96	1.74	1.72
700-MAX481ECPA	PDIP-8	1/1	Half	5	15	2500	3.27	2.90	2.80
700-MAX481ECSA	SOIC-8	1/1	Half	5	15	2500	2.51	2.23	2.19

Surface Mount Device

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MOUSER STOCK NO.	Package	Tx/Rx	Duplex	VSupply	ESD (kV)	Signal Rate (kpbs)	Price Each		
							1	25	100
700-MAX481EESA	SOIC-8	1/1	Half	5	15	2500	3.78	3.35	3.23
700-MAX481ESA	SOIC-8	1/1	Half	5	-	2500	2.66	2.36	2.28
700-MAX485CPA	PDIP-8	1/1	Half	5	-	2500	2.65	2.35	2.26
700-MAX485CSA	SOIC-8	1/1	Half	5	-	2500	1.96	1.74	1.68
700-MAX485ECPA	PDIP-8	1/1	Half	5	15	2500	3.27	2.90	2.85
700-MAX485ECSA	SOIC-8	1/1	Half	5	15	2500	2.51	2.23	2.15
700-MAX485EESA	PDIP-8	1/1	Half	5	-	2500	3.33	2.95	2.90
700-MAX3088CSA	SOIC-8	1/1	Half	5	-	10000	2.67	1.83	1.77
700-MAX3088EESA	SOIC-8	1/1	Half	5	15	10000	2.86	2.53	2.44
700-MAX3088ESA	SOIC-8	1/1	Half	5	-	10000	2.71	2.40	2.32
700-MAX13088EESA	SOIC-8	1/1	Half	5	15	16000	2.98	2.64	2.55
700-MAX13488EESA	SOIC-8	1/1	Half	5	15	16000	2.15	1.91	1.84
700-MAX13488EESA	SOIC-8	1/1	Half	5	15	16000	2.23	1.98	1.95
700-MAX3468CSA	SOIC-14	1/1	Half	5	-	30000	2.89	2.56	2.47
700-MAX3468EPA	PDIP-8	1/1	Half	5	-	30000	3.75	3.32	3.21
700-MAX3468EESA	SOIC-14	1/1	Half	5	-	30000	2.89	2.56	2.47
700-MAX3469CSA	SOIC-8	1/1	Half	5	-	30000	2.89	2.56	2.47
700-MAX3469ESA	SOIC-8	1/1	Half	5	-	30000	2.89	2.56	2.47
700-MAX3079EASD	SOIC-14	1/1	Half/Full	3.3	15	16000	4.29	3.80	3.67
700-MAX3079ECPD	PDIP-14	1/1	Half/Full	3.3	15	16000	4.64	4.11	3.97
700-MAX3079EESD	SOIC-14	1/1	Half/Full	3.3	15	16000	3.57	3.16	3.06
700-MAX1485EUB	µMAX-10	1/1	Half/Full	5	-	250	2.57	2.28	2.24
700-MAX3089CPD	PDIP-14	1/1	Half/Full	5	-	10000	2.69	2.38	2.30
700-MAX3089ECSA	SO-14	1/1	Half/Full	5	-	10000	2.26	2.00	1.97
700-MAX3089EESD	SOIC-14	1/1	Half/Full	5	-	10000	2.71	2.40	2.37
700-MAX1486CUB	µMAX-10	1/1	Half/Full	5	-	12000	1.93	1.71	1.65
700-MAX1486EUB	µMAX-10	1/1	Half/Full	5	-	12000	2.57	2.28	2.24
700-MAX13089EASD	SOIC-14	1/1	Half/Full	5	15	16000	3.11	2.77	2.72
700-MAX3094EUEU	TSSOP-16	4/0	-	3.3	15	10000	3.40	3.01	2.91
700-MAX3030EESD	SO-16N	4/0	-	3.3	15	20000	1.98	1.75	1.73
700-MAX3032EESD	SO-16N	4/0	-	3.3	15	20000	1.98	1.75	1.73
700-MAX3032EESD	SO-16N	4/0	-	3.3	15	20000	1.98	1.75	1.69
700-MAX3040CSE	SO-16N	4/0	-	5	-	250	3.86	3.42	3.31
700-MAX3043EUE	TSSOP-16	4/0	-	5	-	250	3.86	3.42	3.31
700-MAX3041EUE	TSSOP-16	4/0	-	5	-	2500	3.86	3.42	3.31
700-MAX3044EESD	SO-16N	4/0	-	5	-	2500	3.86	3.42	3.37
700-MAX3045BEWE	SO-16	4/0	-	5	10	20000	8.19	7.73	5.88
700-MAX3093EUEU	TSSOP-16	4/0	-	5	15	10000	3.39	3.01	2.98

RS-485 LINE DRIVERS/RECEIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Package	Tx/Rx	Duplex	Supply Voltage	ESD (kV)	Signaling Rate (kpbs)	Price Each		
							1	25	100
700-MAX3283EAUTT	SOT-23-6	0/1	-	3.3-5.5	15	52000	1.49	1.12	.981
700-MAX1342EASA	SOIC-8	1/1	Full	5	15	250	3.87	3.43	3.31
700-MAX13084EESA	SO-8	1/1	Full	5	15	500	2.98	2.64	2.55
700-MAX491EPD	PDIP-14	1/1	Full	5	-	2500	3.56	3.15	3.04
700-MAX13448EESD	SO-14	1/1	Full	3-5	15	500	4.03	3.57	3.51
700-MAX13432EESD	SO-14	1/1	Full	3.3-5.5	30	500	2.95	2.62	2.48
700-MAX13433EESD	SO-14	1/1	Full	3.3-5.5	30	16000	2.95	2.62	2.48
700-MAX14789EGSA+	SO-8	1/1	Half/Full	3-5.5	35	25000	5.77	3.05	2.78
700-MAX3157CAI+	SSOP-28	1/1	Half/Full	5	-	250	9.72	8.61	8.49
700-MAX13089ECSA	SO-14	1/1	Half/Full	5	15	16000	2.68	2.37	2.34
700-MAX13450EAUD+	TSSOP-14	1/1	Half/Full	5	30	20000	2.66	2.36	2.33
700-MAX3430CPA	PDIP-8	1/1	Half	3	12	250	4.78	4.24	4.16
700-MAX3430CSA	SOIC-8	1/1	Half	3.3	12	250	3.68	3.26	3.14
700-MAX3430EPA	PDIP-8	1/1	Half	3.3	12	250	6.05	5.36	5.18
700-MAX3430ESA	SOIC-8	1/1	Half	3.3	12	250	4.66	4.13	3.99
700-MAX14840EASA+	SO-8	1/1	Half	3.3	35	40000	2.68	2.37	2.34
700-MAX14841EASA+	SO-8	1/1	Half	3.3	35	40000	2.68	2.37	2.34
700-MAX13082EASA	SO-8	1/1	Half	5	15	250	2.98	2.64	2.55
700-MAX13444EASA	SO-8	1/1	Half	5	15	250	3.87	3.43	3.31
700-MAX3440EASA	SO-8	1/1	Half	5	15	250	4.39	3.91	3.78
700-MAX3440EESA	SOIC-8	1/1	Half	5	15	250	3.87	3.43	3.31
700-MAX3442EESA	SOIC-8	1/1	Half	5	15	250	3.87	3.43	3.31
700-MAX3441EASA	SO-8	1/1	Half	5	15	10000	4.42	3.91	3.78
700-MAX3441EESA	SO-8	1/1	Half	5	15	10000	3.87	3.43	3.31
700-MAX3443ECSA	SOIC-8	1/1	Half	5	15	10000	3.85	3.43	3.31
700-MAX3443EESA	SOIC-8	1/1	Half	5	15	10000	4.91	4.35	4.20
700-MAX13088EASA	SO-8	1/1	Half	5	15	16000	2.98	2.64	2.55
700-MAX13451EAUD+	TSSOP-14	1/1	Half	5	30	20000	2.66	2.36	2.33
700-MAX13430EUEB	µMAX-10	1/1	Half	3.3-5.5	30	500	2.77	2.45	2.42
700-MAX13431EUEB	µMAX-10	1/1	Half	3.3-5.5	30	16000	2.77	2.45	2.42
Development Tool									
Description									
700-MAX14840PMB1#	MAX14840PMB1#	MAX14840EPMB1 RS-485 Transceiver Pmod Compatible Plug-in Module					20.35	2.45	2.42

I/O PORT EXPANDERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Features	Interface	I/O	Drive Current (mA)	VSupply (V)	Price Each			
								Min	Max	1	25
700-DS4520E	DS4520E+	TSSOP-16	64-Byte NV User Mem, Low Pwr Cons, NV I/O, Open Drain Out	Serial-I2C	9	12	2.7	5.5	2.88	2.53	1.97
700-DS4550E	DS4550E+	TSSOP-20	64-Byte NV User Mem, Low Pwr Cons, NV I/O, Open Drain Out, Port Pull ups	Serial-I2C	9	16	2.7	5.5	3.96	3.15	2.70
700-MAX7300AAI	MAX7300AAI+	SSOP-24	Dir LED Drv with Blinking, Trans Det	Serial-I2C	20 or 28	10	2.5	5.5	5.57	4.34	4.13
700-MAX7311AUG	MAX7311AUG+	TSSOP-24	64 Slave IDs, Port Pull ups, Trans Det	Serial-2 Wire 400kbit	16	40	2	5.5	5.58	4.38	4.14
700-MAX7315ATE	MAX7315ATE+	TQFN-16	64 Slave IDs, LED Blinking, LED PWM Ctrl, Trans Det	Serial-2 Wire 400kbit	8	50	2	3.6	2.46	1.92	1.82
700-MAX7301AAXT	MAX7301AAX+T	SSOP-36	-	Serial SPI 26Mbit	28	10	2.5	5.5	9.24	6.97	