

MAXIM INTEGRATED Analog ICs



RoHS Compliant This product is RoHS compliant.

HIGH-SPEED 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)	fclk (Msps)	Channels	Interface	INL (±LSB)	DNL (±LSB)	Supply Voltage (V)	Price Each		
										1	25	100
◆ 700-MAX5190BEEG	MAX5190BEEG+	QSOP-24	8	40	1	Parallel	0.25	0.25	3	6.85	3.48	3.20
◆ 700-MAX5181BEEG	MAX5181BEEG+	QSOP-24	10	40	1	Parallel	0.5	0.5	3	8.00	4.05	3.73
◆ 700-MAX5180BEEI	MAX5180BEEI+	QSOP-28	10	40	2	Parallel	0.5	0.5	3	11.30	5.73	5.27
◆ 700-MAX5183BEEI	MAX5183BEEI+	QSOP-28	10	40	2	Parallel	0.5	0.5	3	11.08	5.62	5.17
◆ 700-MAX5853ETL	MAX5853ETL+	TQFN-40	10	80	2	Parallel	0.25	0.2	3,3,3	17.05	8.64	7.95
◆ 700-MAX5854ETL	MAX5854ETL+	TQFN-40	10	165	2	Parallel	0.25	0.2	3,3,3	19.11	9.69	8.92
◆ 700-MAX5886EGKD	MAX5886EGK+D	QFN-68	12	500	1	Parallel, LVDS	0.2	0.15	3.3	23.21	21.55	19.20
◆ 700-MAX5895EGKD	MAX5895EGK+D	QFN-68	16	500	2	Parallel	3	1	1,8,3,3	27.91	22.99	22.32
◆ 700-MAX5190BEEG	MAX5190BEEG+	QSOP-24	8	40	1	Parallel	0.25	0.25	3	6.85	3.48	3.20
◆ 700-MAX5181BEEG	MAX5181BEEG+	QSOP-24	10	40	1	Parallel	0.5	0.5	3	8.00	4.05	3.73
◆ 700-MAX5180BEEI	MAX5180BEEI+	QSOP-28	10	40	2	Parallel	0.5	0.5	3	11.30	5.73	5.27
◆ 700-MAX5183BEEI	MAX5183BEEI+	QSOP-28	10	40	2	Parallel	0.5	0.5	3	11.08	5.62	5.17
◆ 700-MAX5853ETL	MAX5853ETL+	TQFN-40	10	80	2	Parallel	0.25	0.2	3,3,3	17.05	8.64	7.95
◆ 700-MAX5854ETL	MAX5854ETL+	TQFN-40	10	165	2	Parallel	0.25	0.2	3,3,3	19.11	9.69	8.92
◆ 700-MAX5886EGKD	MAX5886EGK+D	QFN-68	12	500	1	Parallel, LVDS	0.2	0.15	3.3	23.21	21.55	19.20
◆ 700-MAX5895EGKD	MAX5895EGK+D	QFN-68	16	500	2	Parallel	3	1	1,8,3,3	27.91	22.99	22.32

TOUCH INTERFACE ICs

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Controller Type	Interface	Channels	Touch Pressure Management	Digital Supply Voltage		Price Each		
							(Min)	(Max)	1	25	100
◆ 700-MAX11811ETP	MAX11811ETP+	TQFN-20	Resistive	I2C	4	Yes	1.7	3.6	3.27	2.57	2.27
◆ 700-MAX11811GTP/V	MAX11811GTP/V+	TQFN-20	Resistive	I2C	4	Yes	1.7	3.6	3.67	2.87	2.51
◆ 700-MXB7843EEE	MXB7843EEE+	QSOP-16	Resistive	QSPI, SPI	4	Yes	2.375	5.25	3.57	2.38	2.18
◆ 700-MXB7846EEE	MXB7846EEE+	QSOP-16	Resistive	QSPI, SPI	4	Yes	2.375	5.25	3.78	2.52	2.31
◆ 700-MAX11800ETC+	MAX11800ETC+	TQFN-12	Resistive	SPI	4	Yes	1.7	3.6	3.07	2.28	2.02
◆ 700-MAX11800EWC+T	MAX11800EWC+T	WLP-12	Resistive	SPI	4	Yes	1.7	3.6	3.44	2.59	2.27
◆ 700-MAX11801ETC+	MAX11801ETC+	TQFN-12	Resistive	I2C	4	Yes	1.7	3.6	2.97	2.20	1.95
◆ 700-MAX11801EWC+T	MAX11801EWC+T	WLP-12	Resistive	I2C	4	Yes	1.7	3.6	3.33	2.51	2.19
◆ 700-MAX11802ETC+	MAX11802ETC+	TQFN-12	Resistive	SPI	4	Yes	1.7	3.6	2.46	1.83	1.62
◆ 700-MAX11802EWC+T	MAX11802EWC+T	WLP-12	Resistive	SPI	4	Yes	1.7	3.6	2.73	2.06	1.80
◆ 700-MAX11803ETC+	MAX11803ETC+	TQFN-12	Resistive	I2C	4	Yes	1.7	3.6	2.38	1.77	1.57
◆ 700-MAX11803EWC+T	MAX11803EWC+T	WLP-12	Resistive	I2C	4	Yes	1.7	3.6	2.65	1.99	1.74

Evaluation Kit		Description	Price Each
700-MAX1234EVC16	MAX1234EVC16	Touch Evaluation System for MAX1233, MAX1234	182.04
700-MXB7846EVC16	MXB7846EVC16	Touch Evaluation System for MXB7843, MXB7846	202.95
700-MAX11800TEVS+	MAX11800TEVS+	Touch Evaluation Systems for MAX11800	173.08
700-MAX11801TEVS+	MAX11801TEVS+	Touch Evaluation Systems for MAX11801	173.08

UART INTERFACE ICs

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Description	Micro Compatible Interface	I _{cc} (Typ)(mA)	Supply Voltage (V)	Price Each		
							1	25	100
◆ 700-DS2480B	DS2480B+	SOIC-8	UART Protocol (5V RS-232) to 1-Wire	-	3	4.5-5.5	5.29	2.68	2.46
◆ 700-MAX3100CEE	MAX3100CEE+	QSOP-16	UART Interface for Small Micro Systems	SPI & Microwire	0.27	3,3,3.5	7.77	3.94	3.63
◆ 700-MAX3100CPD	MAX3100CPD+	PDIP-14	UART Interface for Small Micro Systems	SPI & Microwire	0.27	3,3,3.5	7.77	3.94	3.63
◆ 700-MAX3100EEE	MAX3100EEE+	QSOP-16	UART Interface for Small Micro Systems	SPI & Microwire	0.27	3,3,3.5	11.09	5.62	5.17
◆ 700-MAX3100EPD	MAX3100EPD+	PDIP-14	UART Interface for Small Micro Systems	SPI & Microwire	0.27	3,3,3.5	11.09	5.74	5.18
◆ 700-MAX3100CEET	MAX3100CEE+T	QSOP-16	SPI/MICROWIRE-Compatible UART	SPI & Microwire	0.27	2.7-5.5	7.97	5.58	3.73
◆ 700-MAX3100EEET	MAX3100EEE+T	QSOP-16	SPI/MICROWIRE-Compatible UART	SPI & Microwire	0.27	2.7-5.5	11.29	7.90	5.28
◆ 700-MAX3110ECNIG36	MAX3110ECN+G36	PDIP-28	UART w/±15kV ESD Prot RS-232 Transcvr	SPI & Microwire	0.6	3.3	12.89	6.67	6.01
◆ 700-MAX3110ECWIG36	MAX3110ECW+G36	SOIC-28W	UART w/±15kV ESD Prot RS-232 Transcvr	SPI & Microwire	0.6	3.3	12.89	6.54	6.01
◆ 700-MAX3111EECWIG36	MAX3111EEW+G36	SOIC-28W	UART w/±15kV ESD Prot RS-232 Transcvr	SPI & Microwire	0.6	5	12.89	6.54	6.01
◆ 700-MAX3111EEWIG36	MAX3111EEW+G36	SOIC-28W	UART w/±15kV ESD Prot RS-232 Transcvr	SPI & Microwire	0.6	5	18.46	9.36	8.61
◆ 700-MAX3110EEWIG36	MAX3110EEW+G36	SOIC-28	UART w/±15kV ESD Prot RS-232 Transcvr	SPI & Microwire	0.6	5	18.83	9.55	8.79
◆ 700-MAX3107ETG+	MAX3107ETG+	TQFN-24	SPI/I2C UART with 128-W FIFOs and Internal Osc	SPI & I2C	0.64	2.35-3.3	8.76	5.74	5.28
◆ 700-MAX3140CEI	MAX3140CEI+	QSOP-28	UART with Fail-Safe RS-485/422 Transcvr	SPI & Microwire	0.7	5	11.09	5.62	5.17
◆ 700-MAX3140EEI	MAX3140EEI+	QSOP-28	UART w/ Integrated True Fail Safe RS-485/RS-422 Trans	SPI & Microwire	0.7	5	15.77	8.00	7.36

T/E CARRIER AND PACKETIZED PRODUCTS

◆ Surface Mount Device

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MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Functions	Transmission Standard	Channels	VSupply (V)	EV Kit	Price Each		
								1	25	100
◆ 700-DS3150T	DS3150T+	TQFP-48	LIU	STS-1, T3/E3	1	3.3	Yes	22.58	19.90	18.66
◆ 700-DS33244	DS33244+	CSBGA-256	Ethernet Mapper	Ethernet/Serial TDM	4	3.3	Yes	88.18	77.15	71.64

RS-232 LINE DRIVERS/RECEIVERS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Package	Tx/Rx	V Supply	ESD (kV)	Signal Rate (kbps)	I _{cc} (Typ)(mA)	Price Each			MOUSER STOCK NO.	Package	Tx/Rx	V Supply	ESD (kV)	Signal Rate (kbps)	I _{cc} (Typ)(mA)	Price Each		
							1	25	100								1	25	100
◆ 700-MAX1489ECSD	SOIC-14	0/4	5	15	120	0.35	2.40	1.22	1.12	◆ 700-MAX250CSD	SOIC-14	2/2	5	-	116	0.1	9.37	4.75	4.37
◆ 700-MAX221CUE	TSSOP-16	1/1	5	-	250	5	3.01	2.10	1.40	◆ 700-MAX250ESD	SOIC-14	2/2	5	-	116	0.1	13.37	6.78	6.24
◆ 700-MAX221ECAE	SSOP-16	1/1	5	15	250	5	3.23	1.64	1.51	◆ 700-MAX251CPD	PDIP-14	2/2	5	-	116	0.1	8.51	4.32	3.97
◆ 700-MAX221ECUE	TSSOP-16	1/1	5	-	250	5	3.23	1.64	1.51	◆ 700-MAX251CSD	SOIC-14	2/2	5	-	116	0.1	9.37	4.75	4.37
◆ 700-MAX221EEUE	TSSOP-16	1/1	5	15	250	5	4.37	2.22	2.04	◆ 700-MAX251EPD	SOIC-14	2/2	5	-	116	0.1	12.15	6.28	5.67
◆ 700-MAX3311CUB	µMAX-10	1/1	5	-	460	0.1	2.89	1.46	1.35	◆ 700-MAX251ESD	SO-14	2/2	5	-	116	0.1	13.37	6.78	6.24
◆ 700-MAX3311ECUB	µMAX-10	1/1	5	15	460	0.1	3.23	1.64	1.51	◆ 700-MAX203CWP36	PDIP-20	2/2	5	-	116	8	8.26	4.19	3.85
◆ 700-MAX3311EEUB	µMAX-10	1/1	5	15	460	0.1	4.20	2.13	1.96	◆ 700-MAX203CWP36	SOIC-20W	2/2	5	-	116	8	8.26	4.19	3.85
◆ 700-MAX3313CUB	µMAX-10	1/1	5	-	460	0.1	2.89	1.46	1.35	◆ 700-MAX220CPE	PDIP-16	2/2	5	-	120	0.5	6.24	3.16	2.91
◆ 700-MAX3313ECUB	µMAX-10	1/1	5	15	460	0.1	3.23	1.64	1.51	◆ 700-MAX220EPE	PDIP-16	2/2	5	-	120	0.5	7.69	3.78	3.48
◆ 700-MAX3313EEUB	µMAX-10	1/1	5	-	460	0.1	3.77	1.91	1.76	◆ 700-MAX220ESE	SO-16N	2/2	5	-	120	0.5	7.46	3.78	3.48
◆ 700-MAX3319EAE	SSOP-16	1/1	2.5, 3	15	460	0.3	5.16	2.54	2.34	◆ 700-MAX232CPE	PDIP-16	2/2	5	-	120	5	3.69	1.87	1.72
◆ 700-MAX3319ECAE	SSOP-16	1/1	2.5, 3	15	460	0.3	6.09	3.09	2.84	◆ 700-MAX232CSE	SOIC-16	2/2	5	-	120	5	3.69	1.87	1.72
◆ 700-MAX3221EAET	SSOP-16	1/1	3,3, 5	-	120	0.3	4.71	3.30	2.21	◆ 700-MAX232CWE	SOIC-16W	2/2	5	-	120	5	3.69	1.87	1.72
◆ 700-MAX3221EUE	TSSOP-16	1/1	3,3, 5	-	120	0.3	4.51	2.29	2.11	◆ 700-MAX232ECE	PDIP-16	2/2	5	15	120	5	4.66	2.36	2.17
◆ 700-MAX3221CAE	SSOP-16	1/1	3,3, 5	-	120	0.3	3.14	1.59	1.47	◆ 700-MAX232ECSE	SOIC-16	2/2	5	15	120	5	4.66	2.36	2.17
◆ 700-MAX3221CUE	TSSOP-16	1/1	3,3, 5	-	120	0.3	3.14	1.59	1.47	◆ 700-MAX232ECEWE	SOIC-16W	2/2	5	15	120	5	4.66	2.36	2.17
◆ 700-MAX563CWN	SOIC-18W	2/2	3,3	-	116	3	6.43	4.19	2.85	◆ 700-MAX232EPE	PDIP-16	2/2	5	15	120	5	6.00	4.20	2.80
◆ 700-MAX3233ECWPG36	SOIC-20W	2/2	3,3	15	250	0.3	9.77	4.96	4.56	◆ 700-MAX232EESE	SOIC-16	2/2	5	15	120	5	6.00	3.04	2.80
◆ 700-MAX3233EEWPG36	SOIC-20W	2/2	3,3	15	250	0.3	13.57	6.88	6.33	◆ 700-MAX232EEWE	SOIC-16W	2/2	5	15	120	5	6.00	3.04	2.80
◆ 700-MAX250CPD	PDIP-14	2/2	5	-	116	0.1	8.51	4.32	3.97	◆ 700-MAX232EPE	PDIP-16	2/2	5	15	120	5	4.43	2.25	2.07