

MAXIM INTEGRATED Analog ICs



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I/O PORT EXPANDERS (CONT.)

◆ Surface Mount Device

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	100
◆ 700-MAX7317ATE	MAX7317ATE+	TQFN-16	-	Serial SPI 26Mbit	10	10	2.25	3.6	2.84	2.22	2.10
◆ 700-MAX7324AEG	MAX7324AEG+	QSOP-24	16 Slave IDs, Low Standby Curr, Port Pull ups, Trans Det	Serial I2C Comp, Serial 2-Wire 400k Bit	8/8	25	1.71	5.5	3.19	2.50	2.37

AMBIENT LIGHT AND PROXIMITY SENSOR

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Ambient Light Range (lux)	IR LED	Bus	Supply Current (µA)	Voltage Supply	Price Each			
								1	25	100	
700-MAX44000GDT+T	MAX44000GDT+T	UTDFN	.03-65535	External	I2C	11	1.7-3.6	4.22	3.18	2.78	
Reference Design Board								Price Each			
700-MAXREFDES27#	MAXREFDES27#	Description					IO-Link Optical Proximity Sensor System Board				
								118.81			

AUDIO CODECS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	VSupply (Min./Max.) (V)	IQ (mA)	ADC's	DAC's	ADC's Bit Depth	DAC's Bit Depth	Sample Rate (kHz)	Price Each		
										1	25	100
700-MAX98090AETL+	MAX98090AETL+	TQFN-40	1.08-5.5	2.18	2	2	24	24	8-96	7.65	5.10	3.69
700-MAX98090BETL+	MAX98090BETL+	TQFN-40	1.08-5.5	2.18	2	2	24	24	8-96	7.65	5.10	3.69
◆ 700-MAX98089EWY+T	MAX98089EWY+T	WLP-63	1.65-3.6	1.9	2	2	24	24	8-96	3.54	3.09	2.25

ISM RF TRANSMITTER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Supply Voltage (Max) (V)	Transmitting Supply Current (mA)	Supply Current (mA)	Operating Frequency (MHz)	Format	Operating Temperature (°C)	Price Each		
									1	25	100
◆ 700-MAX7060ATG+	MAX7060ATG+	TQFN-EP-24	5.5	34	14.2	450	ASK, FSK	-40 to 125	2.92	2.29	2.17

SATA/PCIE/USB 3.0 REPEATER AND BUFFER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Function	Interface	Data Rate (Mbps)	Channels	Supply Voltage (V)	Icc (mA)	Price Each		
									1	25	100
700-MAX14970ETP+	MAX14970ETP+	TQFN-20	Redriver	SATA	6000	2	3.3	70	4.97	4.42	4.36

LVDS LINE DRIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Signal Type		Functions	Drivers Per Package	Receivers Per Package	Data Rate (Mbps)	Supply Voltage (V)	Price Each		
			Rx	Tx						1	25	100
◆ 700-MAX9111ESA	MAX9111ESA+	SO-8	LVDS	CMOS, TVTTL	Level Translator	1	1	500	3.3	3.97	3.11	2.95
700-MAX9123EUE+	MAX9123EUE+	TSSOP-16	CMOS, LVTTTL	LVDS	Level Translator	4	4	800	3.3	4.86	3.81	3.33
◆ 700-MAX9180EXTT	MAX9180EXT+T	SC70	LVDS	LVDS	Buffer	1	1	400	3.3	6.22	4.70	4.11
◆ 700-MAX9240AGTMV+	MAX9240AGTM/V+	TQFN-EP-48	CML	CMOS, LVCMOS	Deserializer	28	1	1500	1.8, 3.3	18.96	12.64	9.16
◆ 700-MAX9248ECM	MAX9248ECM+	LQFP-48	LVDS	LVCMOS	Deserializer	27	1	756	3.3	16.50	11.00	7.97
◆ 700-MAX9272AGTMV+	MAX9272AGTM/V+	TQFN-EP-48	CML	CMOS, LVCMOS	Deserializer	28	1	1500	1.8, 3.3	10.24	6.96	5.04
◆ 700-MAX9376EUB	MAX9376EUB+	µMAX-10	CML, HSTL, LVDS, LVPECL	LVDS, LVPECL	Level Translator	2	2	600	3.3	11.94	9.35	8.88
◆ 700-MAX9384EWP+	MAX9384EWP+	SO-20	LVECL, LVPECL	LVECL, LVPECL	Multiplexer	2	4	-	3.3, 5.0	11.48	10.44	7.83
◆ 700-MAX9388EUP+	MAX9388EUP+	TSSOP-20	PECL	PECL	Multiplexer	4	1	-	5.5	9.83	7.70	7.27
◆ 700-MAX9389EHJ+	MAX9389EHJ+	TQFP-32	ECL, LVECL, LVPECL, PECL	ECL, LVECL, LVPECL, PECL	Multiplexer	2	8	-	3.3, 5.0	15.72	12.31	11.69
◆ 700-MAX9392EHJ+	MAX9392EHJ+	TQFP-32	CML, HSTL	LVDS	Switch	4	4	565	3.3	11.45	9.96	9.46
◆ 700-MAX9393EHJ+	MAX9393EHJ+	TQFP-32	LVDS, LVPECL	LVDS	Switch	4	4	-	3.3	12.72	9.96	9.65
◆ 700-MAX9394EHJ+	MAX9394EHJ+	TQFP-32	LVDS	LVDS	Demultiplexer	3	3	3000	3.3	10.85	9.86	7.40

SENSOR INTERFACE DEVICE

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Interface Type	Channels	Supply Voltage (V)		Supply Current (µA)	Low Power Shutdown	Operating Temperature (°C)	Price Each		
					Min.	Max.				1	25	100
◆ 700-MAX31911AUI+	MAX31911AUI+	TSSOP-28	SPI	8	10	36	1400	No	-40 to +125	2.10	1.86	1.83
Reference Design Boards										Price Each		
700-MAXREFDES23DB#	MAXREFDES23DB#	Description							44.63			
700-MAXREFDES36#	MAXREFDES36#	Santa Cruz (MAXREFDES23#): IO-Link Light Sensor							126.25			
700-MAXREFDES38#	MAXREFDES38#	MAXREFDES36#: IO-Link 16-Channel Digital Input Hub							100.75			
700-MAXREFDES61#	MAXREFDES61#	ECT/EPT Current Fault Sensor System Board							40.81			
							MAXREFDES61#: 16-Bit Four Analog Input Micro PLC Card					

DIGITAL TEMPERATURE SENSORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Sensor Type	Alarm Output	Interface	Remote Channel	Accuracy (±°C)	Temp. Resolution (bits)	Price Each		
									1	25	100
◆ 700-DS1825U	DS1825U+	µMAX-8	Local	-	1-Wire	-	0.5	9,10,11,12	2.69	2.55	2.53
700-DS18B20+	DS18B20+	TO-92	Local	-	1-Wire	-	0.5	9,10,11,12	2.78	2.65	2.53
700-DS18B20PAR	DS18B20+PAR	TO-92	Local	-	1-Wire	-	0.5	9,10,11,12	2.99	2.85	2.71
◆ 700-DS18B20U	DS18B20U+	µSOP-8	Local	-	1-Wire	-	0.5	9,10,11,12	2.72	2.59	2.47
◆ 700-DS18B20Z	DS18B20Z+	SO-8	Local	-	1-Wire	-	0.5	9,10,11,12	2.72	2.59	2.47
700-DS18S20	DS18S20+	TO-92	Local	-	1-Wire	-	0.5	9	2.99	2.85	2.71
700-DS18S20+PAR	DS18S20+PAR	TO-92	Local	-	1-Wire	-	0.5	9	3.34	3.19	3.04
◆ 700-DS18S20Z	DS18S20Z+	SOIC-8	Local	-	1-Wire	-	0.5	9	3.14	2.99	2.85
◆ 700-DS1920-F5	DS1920-F5+	iButton	Local	-	1-Wire	-	0.5	9	8.58	7.52	6.47