

MAXIM INTEGRATED Analog ICs

RoHS Compliant This product is RoHS compliant.



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	3.32	1.69	1.55
◆ 700-MAX7324AEG	MAX7324AEG+	QSOP-24	16 Slave IDs, Low Standby Curr, Port Pullups, Trans Det	Serial I2C Comp, Serial 2-Wire 400k Bit	8/8	25	1.71	5.5	4.59	2.26	2.08

AMBIENT LIGHT AND PROXIMITY SENSORS

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	4.25	3.12	2.28

AUDIO CODECS

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	VSupply (Min/Max) (V)	IQ (mA)	ADC's	DAC's	ADCs Bit Depth	DACs Bit Depth	Sample Rate (kHz)	Price Each		
										1	25	100
◆ 700-MAX98089EWY+T	MAX98089EWY+T	WLP-63	1.65-3.6	1.9	2	2	24	24	8-96	5.61	3.74	2.72

AUDIO LINE DRIVERS

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Input Type	Fixed Gain (dB)	PSRR (dB)	CMRR (dB)	SNR (dB)	Interface	Supply Voltage (V)	Price Each		
										1	25	100
◆ 700-MAX13325GUI/V	MAX13325GUI/V+	TSSOP-28	Differential	12	-96	-80	112	I2C	4.5-18	2.36	1.95	1.78
◆ 700-MAX13326GUI/V	MAX13326GUI/V+	TSSOP-28	Differential	0	-96	-80	112	I2C	4.5-18	2.36	1.95	1.78

UID WIRELESS MEMORY FOB

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	ISO/IEC	UID Size (bit)	Carrier Freq. (MHz)	Memory Type	Memory Size (bits)	Price Each		
								1	25	100
◆ 700-MAX66040K-000AA+	MAX66040K-000AA+	RFTAG	14443B	64	13.56	EEPROM	1024	2.27	1.24	1.14
◆ 700-MAX66140K-000AA+	MAX66140K-000AA+	RFTAG	15693, 18000-3-1	64	13.56	EEPROM	1024	2.29	1.24	1.14

RFID ICs

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Protocol	Carrier Freq. (MHz)	UID size (bits)	Memory Type	Memory Size	Price Each		
								1	25	100
◆ 700-MAX66040E-000AA+	MAX66040E-000AA+	ISO Card	ISO14443B	13.56	64	EEPROM	1K bits	3.18	1.57	1.44
◆ 700-MAX66140E-000AA+	MAX66140E-000AA+	ISO Card	ISO15693	13.56	64	EPROM	1K bits	3.18	1.57	1.44
Development Kits								Description		
◆ 700-MAX66901-K00#-	MAX66901-K00	13.56MHz HF Developers Kit - Includes RFID keys and Sirit Infinity 110 RFID Reader Module						572.05	-	-

SATA/PCIE/USB 3.0 REPEATERS AND BUFFERS

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-MAX4950ACTX	MAX4950ACTX+	TQFN-36	Equalizer/Re-Driver	PCIe	5000	2	3.3	130	11.11	5.64	5.19
◆ 700-MAX4950CTO	MAX4950CTO+	TQFN-42	Equalizer/Re-Driver	PCIe	5000	2	3.3	130	20.60	10.45	9.61
◆ 700-MAX4951AECTP	MAX4951AECTP+	TQFN-20	Redriver	SATA	6000	2	3.3	70	2.32	2.25	2.22
◆ 700-MAX4951BECTP	MAX4951BECTP+	TQFN-20	Redriver	SATA	6000	2	3.3	70	2.16	2.16	2.16

LVDS LINE DRIVERS

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	3.99	2.13	1.96
◆ 700-MAX9248ECM	MAX9248ECM+	LQFP-48	LVDS	LVCN08	Deserializer	27	1	756	3.3	15.71	7.97	7.33
◆ 700-MAX9217ECM	MAX9217ECM+	LQFP-48	LVCN08, LVTTTL	LVCN08	Serializer	1	27	700	3.3	16.20	8.22	7.56
◆ 700-MAX9123EUE+	MAX9123EUE+	TSSOP-16	CMOS, LVTTTL	LVDS	Level Translator	4	4	800	3.3	5.67	3.78	2.83
◆ 700-MAX9218ETM	MAX9218ETM+	TQFN-48	LVDS	LVCN08	Deserializer	27	1	700	3.3	13.86	7.03	6.47
◆ 700-MAX9244EUMD	MAX9244EUMD+	TSSOP-48	LVDS	LVCN08	Deserializer	21	4	840	3.3	12.56	6.37	5.86
◆ 700-MAX9376EUB	MAX9376EUB+	µMAX-10	CML, HSTL, LVDS, LVPECL	LVDS, LVPECL	Level Translator	2	2	600	3.3	16.47	8.35	7.68

DIGITAL TEMPERATURE SENSORS

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	4.77	2.42	2.23
◆ 700-DS18B20+	DS18B20+	TO-92	Local	-	1-Wire	-	0.5	9,10,11,12	4.77	2.42	2.23
◆ 700-DS18B20PAR	DS18B20+PAR	TO-92	Local	-	1-Wire	-	0.5	9,10,11,12	4.77	2.42	2.23
◆ 700-DS18B20U	DS18B20U+	µSOP-8	Local	-	1-Wire	-	0.5	9,10,11,12	4.77	2.42	2.23
◆ 700-DS18B20Z	DS18B20Z+	SO-8	Local	-	1-Wire	-	0.5	9,10,11,12	4.77	2.42	2.23
◆ 700-DS18S20	DS18S20+	TO-92	Local	-	1-Wire	-	0.5	9	5.43	2.75	2.53
◆ 700-DS18S20+PAR	DS18S20+PAR	TO-92	Local	-	1-Wire	-	0.5	9	5.43	2.75	2.53
◆ 700-DS18S20Z	DS18S20Z+	SOIC-8	Local	-	1-Wire	-	0.5	9	5.43	2.75	2.53
◆ 700-DS1920-F5	DS1920-F5+	iButton	Local	-	1-Wire	-	0.5	9	12.33	6.25	5.75
◆ 700-DS1922L-F5#	DS1922L-F5#	iButton	Local	-	1-Wire	-	0.5	8,11	52.02	42.75	37.23
◆ 700-DS1923-F5#	DS1923-F5#	iButton	Local	-	1-Wire	-	0.5	8,12	96.90	76.90	66.97
◆ 700-DS28EA00U	DS28EA00U+	µSOP-8	Local	-	1-Wire	-	0.5	9,10,11,12	5.77	2.93	2.69
◆ 700-DS1921G-F5#	DS1921G-F5#	iButton	Local	-	1-Wire	-	1	9	25.50	20.50	17.85
◆ 700-DS1822	DS1822+	TO-92	Local	-	1-Wire	-	2	9,10,11,12	4.37	2.22	2.04
◆ 700-DS1822PAR	DS1822+PAR	TO-92	Local	-	1-Wire	-	2	9,10,11,12	4.37	2.22	2.04
◆ 700-DS1822Z	DS1822Z+	SOIC-8	Local	-	1-Wire	-	2	9,10,11,12	4.37	2.22	2.04
◆ 700-DS1821S	DS1821S+	SOIC-8	Local	-	1-Wire Non-Network, Logic	-	1	8	5.79	2.93	2.70
◆ 700-DS1621	DS1621+	PDIP-8	Local	-	2-Wire, I2C, SMBus	-	0.5	9,10,11,12	5.23	2.65	2.44
◆ 700-DS1621S	DS1621S+	SOIC-8	Local	-	2-Wire, I2C, SMBus	-	0.5	9,10,11,12	5.23	2.65	2.44
◆ 700-DS1621V	DS1621V+	SOIC-8	Local	-	2-Wire, I2C, SMBus	-	0.5	9,10,11,12	5.23	2.65	2.44
◆ 700-DS1624	DS1624+	PDIP-8	Local	-	2-Wire, I2C, SMBus	-	0.5	13	9.74	4.94	4.55
◆ 700-DS1624S	DS1624S+	SOIC-8	Local	-	2-Wire, I2C, SMBus	-	0.5	13	9.74	4.94	4.55
◆ 700-DS1631	DS1631+	SO-8	Local	-	2-Wire, I2C, SMBus	-	0.5	9,10,11,12	4.54	2.30	2.12
◆ 700-DS1631AU	DS1631AU+	µMAX-8	Local	-	2-Wire, I2C, SMBus	-	0.5	9,10,11,12	4.54	2.30	2.12
◆ 700-DS1631S	DS1631S+	SOIC-8	Local	-	2-Wire, I2C, SMBus	-	0.5	9,10,11,12	4.54	2.30	2.12
◆ 700-DS1631U	DS1631U+	µMAX-8	Local	-	2-Wire, I2C, SMBus	-	0.5	9,10,11,12	4.54	2.30	2.12
◆ 700-DS1631Z	DS1631Z+	SOIC-8	Local	-	2-Wire, I2C, SMBus	-	0.5	9,10,11,12	4.54	2.30	2.12
◆ 700-DS620U	DS620U+	µMAX-8	Local	-	2-Wire, I2C, SMBus	-	0.5	10,11,12,13	4.51	2.29	2.11
◆ 700-MAX6646MUA	MAX6646MUA+	µMAX-8	Remote	Alert, Overt	2-Wire, I2C, SMBus	Single	0.8	11	3.77	1.91	1.75
◆ 700-MAX6647MUA	MAX6647MUA+	µMAX-8	Remote	Alert, Overt	2-Wire, I2C, SMBus	Single	0.8	11	3.77	1.91	1.75
◆ 700-MAX6648MUA	MAX6648MUA+	µMAX-8	Remote	Alert, Overt	2-Wire, I2C, SMBus	Single	0.8	10	3.77	1.91	1.75