

MAXIM INTEGRATED Analog ICs



RoHS Compliant This product is RoHS compliant.

Maxim Integrated Analog ICs

CRYSTAL OSCILLATORS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Freq. (MHz)	Osc. Type	Freq. Output Type	Freq. Stability (±ppm/tr)			Supply Voltage (V)	Price Each		
						-40°C to 85°C	vs. V _{CC}	vs. Aging		1	25	100
700-DS4125P	DS4125P+	LCCC-10	125	XO	LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	21.74	11.03	10.15
700-DS4150D	DS4150D+	LCCC-10	150	XO	LVDS	35	±3 (max)	7 (0-15 yrs.)	3.3	23.53	11.36	10.45
700-DS4150P	DS4150P+	LCCC-10	150	XO	LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	23.53	11.36	10.45
700-DS4155D	DS4155D+	LCCC-10	155.52	XO	LVDS	35	±3 (max)	7 (0-15 yrs.)	3.3	22.40	11.36	10.45
700-DS4155P	DS4155P+	LCCC-10	155.52	XO	LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	22.40	11.36	10.45
700-DS4156D	DS4156D+	LCCC-10	156.25	XO	LVDS	35	±3 (max)	7 (0-15 yrs.)	3.3	22.40	11.36	10.45
700-DS4156P	DS4156P+	LCCC-10	156.25	XO	LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	22.40	11.36	10.45
700-DS4776D	DS4776D+	LCCC-10	77.66	XO	LVDS/LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	24.00	12.17	11.20
700-DS4776P	DS4776P+	LCCC-10	77.66	XO	LVDS/LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	24.00	12.17	11.20
700-DS4625P125/125	DS4625P+125/125	LCCC-10	125	XO	LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	16.13	12.54	11.65
700-DS4625P150/150	DS4625P+150/150	LCCC-10	150	XO	LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	16.13	12.54	11.65
700-DS4160P	DS4160P+	LCCC-10	160	XO	LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	22.40	11.36	10.45
700-DS4311D	DS4311D+	LCCC-10	311.04	XO	LVDS/LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	26.89	13.64	12.55
700-DS4311P	DS4311P+	LCCC-10	311.04	XO	LVDS/LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	26.89	13.64	12.55
700-DS4312D	DS4312D+	LCCC-10	312.5	XO	LVDS/LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	26.89	13.64	12.55
700-DS4622D	DS4622D+	LCCC-10	622.08	XO	LVDS/LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	21.38	16.80	15.14
700-DS4622P	DS4622P+	LCCC-10	622.08	XO	LVDS/LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	21.38	16.80	15.14
700-DS4625P100/150	DS4625P+100/150	LCCC-10	100/150	XO	LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	16.30	12.80	11.53
700-DS4625P125/156	DS4625P+125/156	LCCC-10	125/156	XO	LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	16.13	12.54	11.65
700-DS4625P150/200	DS4625P+150/200	LCCC-10	150/200	XO	LVPECL	35	±3 (max)	7 (0-15 yrs.)	3.3	17.14	13.33	12.38
700-DS32KHZS#	DS32KHZS#	SO-16	32.768kHz	TCXO	CMOS Push-Pull	2	2.5 (Typ.)	1 (First Year)	4.5-5.5	8.40	4.26	3.92
700-DS32KHZSN#	DS32KHZSN#	SO-16	32.768kHz	TCXO	CMOS Push-Pull	2	2.5 (Typ.)	1 (First Year)	4.5-5.5	9.66	4.90	4.51

SILICON OSCILLATORS

◆ Surface Mount Device



MOUSER STOCK NO.	Maxim Integrated Part No.	Package	f _{OUT} Max (MHz)	f _{OUT} Min (kHz)	Δf _{OUT} (%)	User Prog. (f _{OUT})	Spread Spectrum	V _{CC} (V)	Reset Out	Price Each		
										1	25	100
700-DS1099U-CD	DS1099U-CD+	µMAX-8	1.048	0.00025	-	None	No	2.7-5.5	No	1.26	.84	.61
700-DS1090U-2V+	DS1090U-2V+	µMAX-8	8	125	±2.5 (-40 to 85°C)	Ext. Resistor	Yes	3-5.5	No	1.89	1.26	.94
700-DS1077LZ-40	DS1077LZ-40+	SO-8	66.6	4.87	±1.25 (0 to 70°C)	I2C	No	2.7-3.6	No	3.31	1.68	1.55
700-DS1077U-100	DS1077U-100+	µSOP-8	66.6	4.87	±1.25 (0 to 70°C)	I2C	No	2.7-3.6	No	3.31	1.68	1.55
700-DS1077Z-133	DS1077Z-133+	SO-8	66.6	4.87	±1.25 (0 to 70°C)	I2C	No	2.7-3.6	No	3.31	1.68	1.55
700-DS1091LUA-027+	DS1091LUA-027+	µMAX-8	66.6	130	±1.2 (0 to 70°C) ±1.75 (-40 to 125°C)	None	Yes	3-3.6	No	1.77	1.10	.95
700-DS1086LU-222+	DS1086LU-222+	µSOP-8	66	130	±0.5 (-40 to 85°C)	I2C	Yes	2.7-3.6	No	2.37	1.66	1.11
700-DS1091LUB-016V+	DS1091LUB-016V+	µMAX-8	66	130	±1.2 (0 to 70°C)	None	Yes	3.0 to 3.6	No	1.89	1.32	.95
700-DS1091LUB-019V+	DS1091LUB-019V+	µMAX-8	66	130	±1.2 (0 to 70°C)	None	Yes	3.0 to 3.6	No	1.78	1.67	.89
700-DS1091LUB-025V+	DS1091LUB-025V+	µMAX-8	66	130	±1.2 (0 to 70°C)	None	Yes	3.0 to 3.6	No	1.78	1.67	.89
700-DS1091LUB-027V+	DS1091LUB-027V+	µMAX-8	66	130	±1.2 (0 to 70°C)	None	Yes	3.0 to 3.6	No	1.78	1.67	.89
700-DS1085Z-10	DS1085Z-10+	SO-8	133	8.1	±1 (0 to 70°C)	I2C	No	4.75-5.25	No	8.11	4.12	3.79
700-DS1086U	DS1086U+	µSOP-8	133	260	±1.25 (0 to 70°C)	I2C	Yes	4.75-5.25	No	2.37	1.20	1.06
700-DS1086U-266	DS1086U-266+	µSOP-8	133	260	±1.25 (0 to 70°C)	I2C	Yes	4.75-5.25	No	1.66	1.20	1.06

VOLTAGE CONTROLLED OSCILLATOR

◆ Surface Mount Device

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	RF Freq. (MHz)		LO Driver Outputs	PLL Driver Outputs	P _{OUT} (Min/Max.) (dBm)	V _{CC} (V)	I _{SUPPLY} (mA)	Price Each		
			Min	Max						1	25	100
700-MAX2622EUA	MAX2622EUA+	µMAX-8	855	881	No	Yes	-3/-3	2.7-5.5	9	3.83	2.14	1.97
700-MAX2750EUA	MAX2750EUA+	µMAX-8	2400	2500	No	Yes	-3/-3	2.7-5.5	11.3	4.91	3.67	3.37

CLOCK GENERATORS

◆ Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	f _{IN} (MHz)		f _{OUT} (MHz)		Fixed or Continuous Freq.	Output Levels	Outputs	PLLs	Spread Spectrum	Output Jitter (ps) RMS	Supply Voltage	Price Each		
			Min.	Max.	Min.	Max.								1	25	100
700-MAX9485ETP	MAX9485ETP+	TQFN-56	5	30	27	27	Fixed	LVC CMOS	3	1	No	28	3.3	1.59	1.27	1.05

TIMEKEEPING CLOCKS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Supply Range (V)	Bus Interface	Memory Density (Bytes)	Memory Type	CL (pF)	Operating Temperature (°C)	Time Keeping Current (nA) (Typ.)	Price Each		
										1	25	100
700-DS2417P	DS2417P+	TSOC-6	3,3,3,5	1-Wire	-	None	-	0 to +70	200	2.26	1.14	1.05
700-DS1302	DS1302+	PDIP-8	2,3,3,3,5	3-Wire	31	NV SRAM	6	0 to +70	200	3.57	1.81	1.67
700-DS1302N	DS1302N+	PDIP-8	2,3,3,3,5	3-Wire	31	NV SRAM	6	-40 to +85	200	4.46	2.26	2.08
700-DS1302S	DS1302S+	SOIC-8	2,3,3,3,5	3-Wire	31	NV SRAM	6	0 to +70	200	3.57	1.81	1.67
700-DS1302SN	DS1302SN+	SOIC-8	2,3,3,3,5	3-Wire	31	NV SRAM	6	-40 to +85	200	4.46	2.26	2.08
700-DS1302Z	DS1302Z+	SOIC-8	2,3,3,3,5	3-Wire	31	NV SRAM	6	0 to +70	200	3.57	1.81	1.67
700-DS1302ZN	DS1302ZN+	SOIC-8	2,3,3,3,5	3-Wire	31	NV SRAM	6	-40 to +85	200	3.91	1.99	1.83
700-DS1343E-18+	DS1343E-18+	TSSOP-20	1.8, 3, 3, 3	3-Wire, SPI	96	NV RAM	6	-40 to +85	250	4.83	2.88	2.65
700-DS1344E-18+	DS1344E-18+	TSSOP-20	1.8, 3, 3, 5.5	SPI	-	-	12.5	-40 to +85	250	4.83	3.64	3.19
700-DS1746W-120	DS1746W-120+	DIP-32	3,3,5	Byte-wide	128K	NV SRAM	-	0 to +70	-	28.32	22.25	20.05
700-DS1742W-120	DS1742W-120+	DIP-24	3,3,5	Byte-wide	2K	NV SRAM	-	0 to +70	-	27.54	13.97	12.85
700-DS1744-70	DS1744-70+	DIP-28	3,3,5	Byte-wide	32K	NV SRAM	-	0 to +70	-	23.59	18.70	16.86
700-DS1744W-120	DS1744W-120+	DIP-28	3,3,5	Byte-wide	32K	NV SRAM	-	0 to +70	-	23.59	18.70	16.86
700-DS1744WP-120	DS1744WP-120+	PCAP-34	3,3,5	Byte-wide	32K	NV SRAM	-	0 to +70	-	22.42	17.78	16.60
700-DS1747WP-120	DS1747WP-120+	PCAP-34	3,3,5	Byte-wide	512K	NV SRAM	-	0 to +70	-	35.73	28.08	25.29
700-DS1743W-120	DS1743W-120+	DIP-28	3,3,5	Byte-wide	8K	NV SRAM	-	0 to +70	-	18.36	14.43	13.00
700-DS1743W-150	DS1743W-150+	DIP-28	3,3,5	Byte-wide	8K	NV SRAM	-	0 to +70	-	20.20	14.64	13.47
700-DS1743WP-120	DS1743WP-120+	PCAP-34	3,3,5	Byte-wide	8K	NV SRAM	-	0 to +70	-	25.66	13.01	11.97
700-DS1672-33	DS1672-33+	PDIP-8	2,3,3,3	I2C	-	None	6	0 to +70	425	3.49	1.77	1.63
700-DS1315-5	DS1315-5+	PDIP-16	3,3,5	Phantom Clk	-	None	6	0 to +70	400	17.66	8.96	8.24
700-DS1315S-5	DS1315S-5+	SOIC-16W	3,3,5	Phantom Clk	-	None	6	0 to +70	400	20.51	10.41	9.57
700-DS1315SN-5	DS1315SN-5+	SOIC-16W	3,3,5	Phantom Clk	-	None	6	-40 to +85	400	23.23	11.78	10.84

DETECTORS

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Detector Type	Dynamic Range (dB)	V _{CC} (V)	I _{SUPPLY} (mA)	RF Freq. (MHz)		PRF (dBm) 50Ω Term.	Price Each		
							Min.	Max.		1	25	100
700-MAX2209EBS+TG45	MAX2209EBS+TG45	UCSP-4	Peak	25	2.7-5	3.5	800	2000	-25 to 0	1.31	.988	.865

TV TUNERS

MOUSER STOCK NO.	Maxim Integrated Part No.	Description	Price Each
700-MAX2121EVKIT#	MAX2121EVKIT#	Evaluation Kit for MAX2121	430.00

DOWNCONVERTER MIXER

MOUSER STOCK NO.	Maxim Integrated Part No.	Description	Price Each
700-MAX2690EVKIT-	MAX2690EVKIT-	Evaluation Kit for MAX2690	170.86

