

# MAXIM INTEGRATED Analog ICs

RoHS Compliant This product is RoHS compliant.



## REAL TIME 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)	Time of Day Alarms	Time Keeping Current (nA) (Typ)	Price Each		
										1	25	100
700-DS1904L-F5#	DS1904L-F5#	MicroCan	-	1-Wire	64 BITS	ROM Only	-	-	-	10.50	5.17	4.76
◆ 700-DS1393U-18	DS1393U-18+	µMAX-10	1.8	3-Wire	-	None	6	1	500	3.86	1.96	1.80
◆ 700-DS1392U-33	DS1392U-33+	µMAX-10	3.3	3-Wire	-	None	6	1	500	3.86	1.96	1.80
◆ 700-DS1677E	DS1677E+	TSSOP-20	5	3-Wire	-	None	6	1	300	10.69	5.42	4.99
◆ 700-DS1343E-3+	DS1343E-3+	TSSOP-20	1.8, 3, 3.3	3-Wire, SPI	96	NV SRAM	6	2	250	3.19	2.79	2.59
◆ 700-DS1344E-3+	DS1344E-3+	TSSOP-20	1.8, 3.3, 5.5	3-Wire, SPI	96	NV SRAM	12.5	2	250	3.19	2.79	2.59
◆ 700-DS1306EN	DS1306EN+	TSSOP-20	2, 3, 3.3, 5	3-Wire, SPI	96	NV SRAM	6	2	450	6.34	3.22	2.96
◆ 700-DS1305	DS1305+	PDIP-16	2,3,3,3,5	3-Wire, SPI	96	NV SRAM	6	2	450	5.74	2.91	2.68
◆ 700-DS1305E	DS1305E+	TSSOP-20	2,3,3,3,5	3-Wire, SPI	96	NV SRAM	6	2	450	5.74	2.91	2.68
◆ 700-DS1305EN	DS1305EN+	TSSOP-20	2,3,3,3,5	3-Wire, SPI	96	NV SRAM	6	2	450	6.31	3.20	2.95
◆ 700-DS1305N	DS1305N+	PDIP-16	2,3,3,3,5	3-Wire, SPI	96	NV SRAM	6	2	450	6.34	3.22	2.96
◆ 700-DS1306	DS1306+	PDIP-16	2,3,3,3,5	3-Wire, SPI	96	NV SRAM	6	2	450	5.74	2.91	2.68
◆ 700-DS1306E	DS1306E+	TSSOP-20	2,3,3,3,5	3-Wire, SPI	96	NV SRAM	6	2	450	5.74	2.91	2.68
◆ 700-DS1306N	DS1306N+	PDIP-16	2,3,3,3,5	3-Wire, SPI	96	NV SRAM	6	2	450	6.34	3.22	2.96
700-DS1554-70IND	DS1554-70IND+	eDIP-32	3, 3, 5	Byte-wide	32K	NV SRAM	-	1	-	26.14	20.33	18.88
700-DS1747-70	DS1747-70+	eDIP-24	3, 3, 5	Byte-wide	512K	NV SRAM	-	0	-	36.91	29.00	26.14
700-DS1744W-120IND	DS1744W-120IND+	eDIP-24	3, 3, 5	Byte-wide	32K	NV SRAM	-	0	-	25.01	19.64	17.71
700-DS1248Y-70	DS1248Y-70+	eDIP-24	3, 3, 5	Byte-wide	128K	NV SRAM	-	0	-	30.17	23.70	21.35
700-DS1553WP-120	DS1553WP-120+	PCAP-34	3,3,5	Byte-wide	8K	NV SRAM	-	1	-	21.88	17.19	15.50
◆ 700-DS1501WE	DS1501WE+	TSSOP-28	3,3,5	Byte-wide	256	NV SRAM	6, 12.5	1	-	13.03	6.61	6.08
◆ 700-DS1511W	DS1511W+	DIP-28	3,3,5	Byte-wide	256	NV SRAM	-	1	-	22.49	11.41	10.49
◆ 700-DS1339U-3	DS1339U-3+	µMAX-8	3	I2C	-	None	6	2	400	3.49	1.77	1.63
◆ 700-DS1340Z-3	DS1340Z-3+	SOIC-8	3	I2C	-	None	12.5	0	800	3.31	1.68	1.55
◆ 700-DS1338C-3#	DS1338C-3#	SOIC-16	3	I2C	56	NV SRAM	12.5	0	800	6.14	3.12	2.87
◆ 700-DS1338Z-3	DS1338Z-3+	SOIC-8	3	I2C	56	NV SRAM	12.5	0	800	3.31	1.68	1.55
◆ 700-DS1388Z-33	DS1388Z-33+	SOIC-8	3.3	I2C	512	EEPROM	6	0	410	5.17	2.62	2.41
◆ 700-DS1339C-33#	DS1339C-33#	SOIC-16	3.3	I2C	-	None	6	2	400	6.46	3.28	3.01
◆ 700-DS1339U-33	DS1339U-33+	µMAX-8	3.3	I2C	-	None	6	2	400	3.49	1.77	1.63
◆ 700-DS1340C-33#	DS1340C-33#	SOIC-16	3.3	I2C	-	None	12.5	0	800	6.14	3.12	2.87
◆ 700-DS1340U-33	DS1340U-33+	µMAX-8	3.3	I2C	-	None	12.5	0	800	3.31	1.68	1.55
◆ 700-DS1340Z-33	DS1340Z-33+	SOIC-8	3.3	I2C	-	None	12.5	0	800	3.31	1.68	1.55
◆ 700-DS1374C-33#	DS1374C-33#	SOIC-16	3.3	I2C	-	None	6	1	400	6.97	3.54	3.25
◆ 700-DS1338C-33#	DS1338C-33#	SOIC-16	3.3	I2C	56	NV SRAM	12.5	0	800	6.14	3.12	2.87
◆ 700-DS1338U-33	DS1338U-33+	µMAX-8	3.3	I2C	56	NV SRAM	12.5	0	800	3.31	1.68	1.55
◆ 700-DS1338Z-33	DS1338Z-33+	SOIC-8	3.3	I2C	56	NV SRAM	12.5	0	800	3.31	1.68	1.55
◆ 700-DS1388Z-5	DS1388Z-5+	SO-8	5	I2C	512	EEPROM	6	0	410	5.17	2.62	2.41
◆ 700-DS1678S	DS1678S+	SO-8	5	I2C	-	None	12.5	1	300	8.20	4.16	3.83
◆ 700-DS1307	DS1307+	PDIP-8	5	I2C	56	NV SRAM	12.5	0	300	4.03	2.04	1.88
◆ 700-DS1307N	DS1307N+	PDIP-8	5	I2C	56	NV SRAM	12.5	0	300	4.46	2.26	2.08
◆ 700-DS1307Z	DS1307Z+	SOIC-8	5	I2C	56	NV SRAM	12.5	0	300	3.54	1.80	1.65
◆ 700-DS1307ZN	DS1307ZN+	SOIC-8	5	I2C	56	NV SRAM	12.5	0	300	4.46	2.26	2.08
◆ 700-DS1307ZNT&R	DS1307ZNT&R	SOICN-8	5	I2C	56	NV SRAM	12.5	0	300	3.55	2.48	1.66
◆ 700-DS1308U-3+	DS1308U-3+	µMAX-8	1.8, 3, 3.3	I2C	56	NV SRAM	6	0	250	3.40	2.26	1.86
◆ 700-DS1308U-18+	DS1308U-18+	µMAX-8	1.8, 3, 3.3	I2C	56	NV SRAM	6	0	250	3.40	2.26	1.86
◆ 700-DS1308U-33+	DS1308U-33+	µMAX-8	1.8, 3, 3.3	I2C	56	NV SRAM	6	0	250	3.40	2.26	1.86
◆ 700-DS1342U	DS1342U+	µSOP-8	1.8, 5.5	I2C	-	None	6	2	320	2.80	1.42	1.31
◆ 700-DS1342U+T&R	DS1342U+T&R	µMAX-8	1.8, 5.5	I2C	-	None	12.5	2	250	2.16	1.62	1.26
◆ 700-DS1338U-33T&R	DS1338U-33T&R	µMAX-8	1.8, 3, 3.3, 5	I2C	56	NV SRAM	12.5	0	800	2.66	1.86	1.25
◆ 700-DS1374U-3T&R	DS1374U-3T&R	µMAX-10	1.8, 3, 3.3, 5	I2C	-	-	6	1	400	3.60	2.40	1.80
◆ 700-DS1341U	DS1341U+	µMAX-8	1.8, 5.5	I2C	-	None	6	2	320	1.57	1.42	1.31
◆ 700-DS1337C#	DS1337C#	SOIC-16	2, 3, 3.3, 5	I2C	-	None	6	2	425	5.60	2.84	2.61
◆ 700-DS1337	DS1337+	PDIP-8	2,3,3,5	I2C	-	None	6	2	425	2.60	1.32	1.21
◆ 700-DS1337S	DS1337S+	SOIC-8	2,3,3,5	I2C	-	None	6	2	425	2.60	1.32	1.21
◆ 700-DS1337U	DS1337U+	µMAX-8	2,3,3,5	I2C	-	None	6	2	425	2.60	1.32	1.21
◆ 700-DS3232S#	DS3232S#	SOIC-20	2.3, 3, 3.3, 5.5	I2C	536	NV SRAM	-	2	1500	8.63	4.38	4.03
◆ 700-DS3232SN#	DS3232SN#	SOIC-20	2.3, 3, 3.3, 5.5	I2C	236	NV SRAM	-	2	1500	9.94	5.04	4.64
◆ 700-DS3231MZ+	DS3231MZ+	SO-8	2.3, 5.5	I2C	-	None	-	2	2000	8.43	4.28	3.93
◆ 700-DS3231M+	DS3231M+	SOIC-16	2.3, 5.5	I2C	-	None	-	2	2000	8.69	4.41	4.05
◆ 700-DS3231MZ/V+	DS3231MZ/V+	SOICN-8	2.3-5.5	I2C	-	None	-	2	2000	9.20	6.07	4.36
◆ 700-DS3231S#	DS3231S#	SOIC-16	2.3, 5.5	I2C	-	None	-	2	840	8.40	4.26	3.92
◆ 700-DS3231SN#	DS3231SN#	SOIC-16	2.3, 5.5	I2C	-	None	-	2	840	9.66	4.90	4.51
◆ 700-DS17287-3	DS17287-3+	eDIP-24	3	Multiplexed	2K	NV SRAM	-	1	-	19.40	9.84	9.05
◆ 700-DS1685S-3	DS1685S-3+	SOIC-24	3	Multiplexed	242	NV SRAM	6, 12.5	1	400	6.91	3.51	3.23
◆ 700-DS12CR887-33	DS12CR887-33+	eDIP-24	3.3	Multiplexed	114	NV SRAM	-	1	-	10.95	5.70	5.24
◆ 700-DS12885	DS12885+	PDIP-24W	5	Multiplexed	114	NV SRAM	6	1	225	8.34	4.23	3.89
◆ 700-DS12885N	DS12885N+	PDIP-24W	5	Multiplexed	114	NV SRAM	6	1	225	7.46	3.78	3.48
◆ 700-DS12885Q	DS12885Q+	PLCC-28	5	Multiplexed	114	NV SRAM	6	1	225	8.66	4.39	4.04
◆ 700-DS12885QN	DS12885QN+	PLCC-28	5	Multiplexed	114	NV SRAM	6	1	225	9.94	5.04	4.64
◆ 700-DS12885S	DS12885S+	SOIC-24W	5	Multiplexed	114	NV SRAM	6	1	225	8.34	4.23	3.89
◆ 700-DS12887	DS12887+	PDIP-24	5	Multiplexed	114	NV SRAM	-	1	-	10.60	5.38	4.95
◆ 700-DS12887A	DS12887A+	PDIP-24	5	Multiplexed	114	NV SRAM	-	1	-	10.60	5.38	4.95
◆ 700-DS12CR887-5+	DS12CR887-5+	eDIP-24	5	Multiplexed	114	NV SRAM	-	1	-	11.79	5.70	5.24
◆ 700-DS12C887	DS12C887+	eDIP-24	5	Multiplexed	113	NV SRAM	-	1	-	10.34	5.38	4.95
◆ 700-DS12C887A	DS12C887A+	eDIP-24	5	Multiplexed	113	NV SRAM	-	1	-	11.07	5.75	5.29
◆ 700-DS17887-5	DS17887-5+	DIP-24	3.5	Multiplexed	8K	NV SRAM	-	1	-	25.29	12.83	11.80
◆ 700-DS17487-5	DS17487-5+	DIP-24	3.5	Multiplexed	4K	NV SRAM	-	1	-	19.97	10.13	9.32
◆ 700-DS17285SN-5	DS17285SN-5+	SOIC-24W	3.5	Multiplexed	2K	NV SRAM	6	1	300	11.23	5.70	5.24
◆ 700-DS17287-5	DS17287-5+	DIP-24	3.5	Multiplexed	2K	NV SRAM	-	1	-	19.40	9.84	9.05
◆ 700-DS1685-5IND	DS1685-5IND+	PDIP-24W	3.5	Multiplexed	242	NV SRAM	6, 12.5	1	400	8.23	4.17	3.84
◆ 700-DS1685E-3	DS1685E-3+	TSSOP-24	3.5	Multiplexed	242	NV SRAM	6, 12.5	1	400	6.94	3.52	3.24
◆ 700-DS1685S-5	DS1685S-5+	SOIC-24W	3.5	Multiplexed	242	NV SRAM	6, 12.5	1	400	6.91	3.51	3.23
◆ 700-DS1687-5IND	DS1687-5IND+	DIP-24	3.5	Multiplexed	242	NV SRAM	-	1	-	19.17	9.72	8.95
◆ 700-DS1390U-3	DS1390U-3+	µMAX-10	3	SPI	-	None	6	1	500	3.86	1.96	1.80
◆ 700-DS1390U-33	DS1390U-33+	µMAX-10	3.3	SPI	-	None	6	1	500	3.86	1.96	1.80
◆ 700-DS1391												