

# MAXIM INTEGRATED Analog ICs



This product is RoHS compliant.

PRODUCT NEW

For quantities greater than listed, call for quote.

## DIGITAL TEMPERATURE SENSORS (CONT.)

◆ Surface Mount Device

Analog ICs

Maxim Integrated

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-MAX6649MUA	MAX6649MUA+	μMAX-8	Remote	Alert, Overt	2-Wire, I2C, SMBus	Single	0.8	11	4.74	2.40	2.21
◆ 700-MAX6692MUA	MAX6692MUA+	μMAX-8	Remote	Alert, Overt	2-Wire, I2C, SMBus	Single	0.8	10	3.77	1.91	1.75
◆ 700-DS1721S	DS1721S+	SOIC-8	Local	-	2-Wire, I2C, SMBus	-	1	9,10,11,12	4.37	2.22	2.04
◆ 700-DS1721U	DS1721U+	μMAX-8	Local	-	2-Wire, I2C, SMBus	-	1	9,10,11,12	4.37	2.22	2.04
◆ 700-MAX6581TG98+	MAX6581TG98+	TQFN-24	Remote	Alert, Overt	2-Wire, I2C, SMBus	Seven	1	8, 11	1.45	1.41	1.37
◆ 700-MAX6581TG9A+	MAX6581TG9A+	TQFN-24	Remote	Alert, Overt	2-Wire, I2C, SMBus	Seven	1	8, 11	1.45	1.41	1.37
◆ 700-MAX6581TG9C+	MAX6581TG9C+	TQFN-24	Remote	Alert, Overt	2-Wire, I2C, SMBus	Seven	1	8, 11	1.45	1.41	1.37
◆ 700-MAX6581TG9E+	MAX6581TG9E+	TQFN-24	Remote	Alert, Overt	2-Wire, I2C, SMBus	Seven	1	8, 11	1.45	1.41	1.37
◆ 700-MAX6616AEG+	MAX6616AEG+	QSOP-24	Remote	Fan Failure	2-Wire, I2C, SMBus	Dual	1	11	5.13	2.53	2.32
◆ 700-MAX6633MSA	MAX6633MSA+	SOIC-8	Local	-	2-Wire, I2C, SMBus	-	1	13	3.22	1.63	1.50
◆ 700-MAX6639AEE	MAX6639AEE+	QSOP-16	Remote	Alert, Overt	2-Wire, I2C, SMBus	-	1	-	3.77	1.91	1.76
◆ 700-MAX6654MEE	MAX6654MEE+	QSOP-16	Remote	Alert, Overt	2-Wire, I2C, SMBus	Single	1	11	5.77	2.92	2.69
◆ 700-MAX6656MEE	MAX6656MEE+	QSOP-16	Remote	Alert, Overt	2-Wire, I2C, SMBus	Dual	1	11	6.96	3.53	3.25
◆ 700-MAX6657YMSA	MAX6657YMSA+	QSOP-16	Remote	Alert, Overt	2-Wire, I2C, SMBus	Dual	1	11	4.74	2.40	2.21
◆ 700-MAX6658MSA	MAX6658MSA+	SO-8	Remote	Alert, Overt	2-Wire, I2C, SMBus	Single	1	11	4.91	2.49	2.29
◆ 700-MAX6681MEE	MAX6681MEE+	QSOP-16	Remote	Alert, Overt	2-Wire, I2C, SMBus	Single	1	11	6.03	3.05	2.81
◆ 700-MAX6689UP9A	MAX6689UP9A+	TSSOP-20	Remote	Alert, Overt	2-Wire, I2C, SMBus	Six	1	11	9.42	4.77	4.40
◆ 700-MAX6698EE38+	MAX6698EE38+	QSOP-16	Remote	Alert/Overt	2-Wire, I2C, SMB	Six	1	11	11.45	5.81	5.34
◆ 700-MAX6699UE34	MAX6699UE34+	TSSOP-16	Remote	Alert, Overt	2-Wire, I2C, SMBus	Quad	1	11	6.91	3.50	3.22
◆ 700-MAX6683AUB	MAX6683AUB+	μMAX-10	Local	Alert	2-Wire, I2C, SMBus	-	2	11	4.37	2.92	2.34
◆ 700-DS1629S	DS1629S+	SOIC-8	Local	-	2-Wire, I2C, SMBus	-	2	9	8.80	4.46	4.11
◆ 700-DS1780ET&R	DS1780E+T&R	TSSOP-24	Local	-	2-Wire, I2C, SMBus	-	2	9	5.34	3.56	2.67
◆ 700-DS1775RT&R	DS1775R+T&R	SOT-23-5	Local	-	2-Wire, I2C, SMBus	-	2	9,10,11,12	2.27	1.68	1.34
◆ 700-DS75LV5	DS75LV5+	SOIC-8	Local	-	2-Wire, I2C, SMBus	-	2	9,10,11,12	2.17	1.10	1.01
◆ 700-DS75LVU	DS75LVU+	μMAX-8	Local	-	2-Wire, I2C, SMBus	-	2	9,10,11,12	2.17	1.10	1.01
◆ 700-DS75LXS	DS75LXS+	SOIC-8	Local	-	2-Wire, I2C, SMBus	-	2	9,10,11,12	2.00	1.01	.933
◆ 700-DS75LXU	DS75LXU+	μMAX-8	Local	-	2-Wire, I2C, SMBus	-	2	9,10,11,12	2.00	1.01	.933
◆ 700-DS75S	DS75S+	SOIC-8	Local	-	2-Wire, I2C, SMBus	-	2	9,10,11,12	2.17	1.10	1.01
◆ 700-MAX1668MEE	MAX1668MEE+	QSOP-16	Remote	Alert	2-Wire, I2C, SMBus	Quad	2	8	11.38	5.60	5.15
◆ 700-MAX6652AUB	MAX6652AUB+	μMAX-10	Local	Alert	2-Wire, I2C, SMBus	-	2	8	4.45	2.25	2.08
◆ 700-MAX7500MSA	MAX7500MSA+	SO-8	Local	-	2-Wire, I2C, SMBus	-	2	-	1.62	.82	.75
◆ 700-MAX7500MUA	MAX7500MUA+	SO-8	Local	-	2-Wire, I2C, SMBus	-	2	-	1.62	.82	.75
◆ 700-MAX1617AMEE	MAX1617AMEE+	QSOP-16	Remote	Alert	2-Wire, I2C, SMBus	Single	3	8	11.14	5.65	5.20
◆ 700-DS1620	DS1620+	PDIP-8	Local	-	3-Wire, Logic	-	0.5	9,10,11,12	7.89	4.00	3.68
◆ 700-DS1620S	DS1620S+	SOIC-8	Local	-	3-Wire, Logic	-	0.5	9,10,11,12	7.89	4.00	3.68
◆ 700-DS1626U	DS1626U+	μSOP-8	Local	-	3-Wire, Logic	-	0.5	9,10, 11, 12	4.54	2.30	2.12
◆ 700-DS1726U	DS1726U+	μSOP-8	Local	-	3-Wire, Logic	-	1	9,10, 11, 12	4.37	2.22	2.04
◆ 700-DS1626S	DS1626S+	SOIC-8	Local	-	3-Wire, Logic	-	2	9,10, 11, 12	4.54	2.30	2.12
◆ 700-MAX6627MKA#TG16-	MAX6627MKA#TG16	SOT-8	Remote	-	3-Wire, SPI	Single	1	13	5.44	4.80	3.48
◆ 700-MAX31855SASA+	MAX31855SASA+	SOIC-8	Remote	-	3-Wire, SPI	Single	2	14	7.80	5.46	3.96
◆ 700-MAX31855RASAS+	MAX31855RASAS+	SOIC-8	Remote	-	3-Wire, SPI	Single	2	14	7.37	4.91	3.96
◆ 700-MAX31855NASAS+	MAX31855NASAS+	SO-8	Remote	-	3-Wire, SPI	Single	2	14	7.80	3.96	3.64
◆ 700-MAX31855TASAS+	MAX31855TASAS+	SO-8	Remote	-	3-Wire, SPI	Single	2	14	7.80	3.96	3.64
◆ 700-MAX6682MUA	MAX6682MUA+	μMAX-8	Remote	-	3-Wire, SPI	Single	0.5	10	4.57	2.31	2.13
◆ 700-MAX1299CEAE	MAX1299CEAE+	SSOP-16	Local	-	3-Wire, SPI	-	1	12	11.06	5.61	5.16
◆ 700-MAX6662MSA	MAX6662MSA+	SO-8	Local	Alert, Overt	3-Wire, SPI	-	1	13	3.45	1.75	1.61
◆ 700-DS1722S	DS1722S+	SOIC-8	Local	-	3-Wire, SPI	-	2	8,9,10,11,12	2.94	1.49	1.37
◆ 700-DS1722U	DS1722U+	μMAX-8	Local	-	3-Wire, SPI	-	2	8,9,10,11,12	3.00	1.52	1.40
◆ 700-MAX6674ISA	MAX6674ISA+	SOIC-8	Remote	-	3-Wire, SPI	Single	2	10	13.84	7.32	6.73
◆ 700-MAX6675ISA	MAX6675ISA+	SOIC-8	Remote	-	3-Wire, SPI	Single	3	12	14.33	7.58	6.97
◆ 700-DS600U	DS600U+	μMAX-8	Local	-	Analog	-	0.5	-	4.63	2.35	2.16
◆ 700-MAX6605MXKT	MAX6605MXK+T	SC-70	Local	-	Analog	-	1	-	.94	.70	.50
◆ 700-MAX6610AUTT	MAX6610AUT+T	SOT-23-6	Local	-	Analog	-	1	-	5.75	4.34	3.80
◆ 700-MAX6577ZUTT	MAX6577ZUT+T	SOT-6	Local	-	Freq. μ Temp.	-	3	-	1.88	1.42	1.24
◆ 700-MAX6691MUB	MAX6691MUB+	μMAX-10	Remote	-	PWM	Quad	1	-	9.14	4.64	4.26
◆ 700-MAX1098CEAE+	MAX1098CEAE+	SSOP-16	Local	-	SPI	-	1	10	9.72	4.79	4.41

## ANALOG SWITCHES

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Maxim Integrated Part No.	Package	Normal Position	R <sub>on</sub> (Max) (Ω)	I <sub>L</sub> (Off) (nA) (Max)	t <sub>on</sub> (ns) (Min)	t <sub>off</sub> (ns) (Min)	Supply Voltage (Single) (Min/Max)	Supply Volt (Dual) (Min/Max)	Price Each		
										1	25	100
1 x SPST												
◆ 700-DG417CY	DG417CY+	SO-8	Closed	35	0.25	175	145	---/---	4.5/20	3.40	1.72	1.59
◆ 700-DG417LEUA	DG417LEUA+	μMAX-8	Closed	35	0.25	175	185	9/36	4.5/20	4.02	1.98	1.82
◆ 700-DG418CY	DG418CY+	SO-8	Open	35	0.25	175	145	---/---	4.5/20	3.40	1.72	1.59
◆ 700-DG418DY	DG418DY+	SOIC-8	Open	35	0.25	175	147	---/---	4.5/20	3.63	1.84	1.69
◆ 700-DG418LEUA	DG418LEUA+	μMAX-8	Open	35	0.25	175	185	9/36	4.5/20	4.02	2.68	1.79
◆ 700-MAX317CSA	MAX317CSA+	SOIC-8	Closed	45	0.25	175	145	10/30	4.5/20	4.23	2.14	1.97
◆ 700-MAX318CPA	MAX318CPA+	PDIP-8	Open	45	0.25	175	145	10/30	4.5/20	3.74	1.85	1.70
◆ 700-MAX318CSA	MAX318CSA+	SOIC-8	Open	45	0.25	175	145	10/30	4.5/20	4.36	2.90	1.93
◆ 700-MAX4602CWE+T	MAX4602CWE+T	SOICW-16	Open	2.5	0.5	250	350	---/---	4.5/20	10.62	7.08	5.13
◆ 700-MAX4514CUK+T	MAX4514CUK+T	SOT-23-5	Open	20	1	150	100	2/12	---/---	1.43	1.08	.946
◆ 700-MAX4647EUT+T	MAX4647EUT+T	SOT-23-6	Closed	25	1	100	100	9/36	4.5/20	3.21	2.42	2.12
2 x SPST												
◆ 700-MAX301CSE	MAX301CSE+	SOIC-16	Open	35	0.25	150	100	10/30	4.5/20	6.11	3.10	2.85
◆ 700-MAX320CSA	MAX320CSA+	SO-8	Open	35	0.1	150	100	---/---	2.7/8	3.80	2.53	1.69

