

Temperature Controllers, Sensors and Transducers - continued

Semiconductors - Integrated Circuits

23

Mfr.	Pins	Pkg	Description	Mfrs. List No.	Order Code	1+	25+	100+	250+	+
335	ST	8	SOIC Temp. Sensor, -40°C to +100°C, directly calibrated in °Kelvin	LM335D	109-4250	76.00	58.00	50.00	--	--
335	ST	3	TO-92 Temp. Sensor, -40°C to +100°C, directly calibrated in °Kelvin	LM335Z	109-4251	67.00	52.00	47.00	--	--
335	NSC	3	TO-46 Temp. Sensor, -40°C to +100°C, directly calibrated in °Kelvin	LM335H	121-6169	325.00	237.00	177.00	--	--
335	NSC	3	TO-92 Temp. Sensor, -40°C to +100°C, directly calibrated in °Kelvin	LM335Z	948-8219	68.00	48.00	34.00	--	--
413	INTS	16	DIL Quad SPST CMOS Analogue Switch	DG413DJZ	966-3541	101.00	67.00	60.00	52.00	--
420	BB	16	DIL Precision 4mA to 20mA Current Loop Receiver, converts to a 0-5V output	RCV420KP	109-7548	569.00	489.00	422.00	379.00	--
420	TI	16	DIL Precision 4mA to 20mA Current Loop Receiver, converts to a 0-5V output	RCV420KPG4	121-9421	569.00	489.00	422.00	379.00	--
590	ADI	3	TO-52 Temp. Transducer - acc. ±5°C max., range -55°C to +150°C	AD590JH	409-157	317.00	281.00	246.00	--	--
590	ADI	2	Flatpack Temp. Transducer - acc. ±3°C max., range -55°C to +150°C	AD590JF	318-2198	869.00	724.00	652.00	--	--
590	ADI	2	Flatpack Temp. Transducer - acc. ±2°C max., range -55°C to +150°C	AD590KF	318-2204	929.00	820.00	729.00	--	--
590	ADI	3	TO-52 Temp. Transducer - acc. ±1.6°C max., range -55°C to +150°C	AD590LH	318-2228	1,368.00	1,220.00	1,068.00	--	--
590	ADI	2	Flatpack Temp. Transducer - acc. ±1°C max., range -55°C to +150°C	AD590MF	318-2230	4,104.00	3,621.00	3,219.00	--	--
590	ADI	3	TO-52 Temp. Transducer - acc. ±1°C max., range -55°C to +150°C	AD590MH	318-2241	2,536.00	2,246.00	1,966.00	--	--
592	ADI	3	TO-92 Temp. Transducer - acc. ±0.5°C max., range -25°C to +105°C	AD592CNZ	960-3948	854.00	633.00	469.00	--	--
592	ADI	3	TO-92 Temp. Transducer - acc. ±2.5°C max., range -25°C to +105°C	AD592ANZ	960-5428	169.00	144.00	132.00	--	--
594	ADI	14	DIL Monolithic Thermocouple Amp. Calibrated for type J thermocouples (Ceramic)	AD594AQ	409-182	1,012.00	731.00	525.00	--	--
595	ADI	14	DIL Monolithic Thermocouple Amp. Calibrated for type K thermocouples (Ceramic)	AD595CQ	102-052	1,225.00	963.00	842.00	--	--
595	ADI	14	DIL Monolithic Thermocouple Amp. Calibrated for type K thermocouples (Ceramic)	AD595AQ	409-194	561.00	497.00	435.00	--	--
595	ADI	14	DIL Thermocouple Amp. for type K thermocouples. O/P 10mV°C	AD595AD	318-2265	1,066.00	943.00	826.00	--	--
693	ADI	20	DIL Loop-Powered 4mA to 20mA Sensor Transmitter (Cerdip)	AD693AQ	409-212	840.00	744.00	651.00	--	--
694	ADI	16	DIL 4mA to 20mA Transmitter	AD694AQ	633-136	816.00	723.00	633.00	--	--
694	ADI	16	DIL 4mA to 20mA Transmitter	AD694JNZ	960-3670	596.00	528.00	462.00	--	--
694	ADI	16	SOIC 4mA to 20mA Transmitter (IND TEMP)	AD694ARZ	960-5460	549.00	458.00	366.00	--	--
1021	ADI	16	QSOP 2-channel digital thermometer and under/over temp. alarm. (QSOP/enhanced MAX1617)	ADM1021ARQZ	114-3192	231.00	154.00	--	--	--
1025	LT	8	DIL Micropower Thermocouple Cold Junction Compensator	LT1025CN	699-974	293.00	208.00	170.00	--	--
1025	LT	8	DIL Micropower Thermocouple Cold Junction Compensator	LT1025CN#PBF	955-9442	296.00	189.00	153.00	--	--
1046	MCHIP3	SOT-23B	Linear output Temperature-to-Voltage Converter. (-40°C to +125°C)	TC1046VNBTR	121-2685	43.00	26.00	26.00	--	--
1046	MCHIP3	SOT-23B	Linear output Temperature-to-Voltage Converter. (-40°C to +125°C)	TC1046VNBTR	396-8923	43.00	28.00	28.00	--	--
1047	MCHIP3	SOT-23B	Linear output Temperature-to-Voltage Converter. (-40°C to +125°C)	TC1047AVNBTR	976-2531	46.00	28.00	28.00	--	--
1615	MAX	16	DIL Integrated temperature recorder with real-time clock, temperature datalogging and histogram capabilities. ±2°C acc. (-40°C to +85°C)	DS1615	300-2184	993.00	807.00	684.00	--	--
1617	MAX	16	QSOP Remote or local Temperature Sensor with 2-wire serial Interface, ±3°C Remote accuracy. (QSSOP)	MAX1617MEE+	972-4109	556.00	437.00	346.00	--	--
1620	MAX	8	DIL Digital Thermometer and Thermostat	DS1620+	118-7998	367.00	289.00	231.00	--	--
1620	MAX	8	SOIC Digital Thermometer and Thermostat	DS1620S+	972-6276	367.00	289.00	231.00	--	--
1621	MAX	8	DIL Digital Thermometer and Thermostat with 2-wire serial CPU controlled interface.	DS1621+	118-8024	243.00	191.00	153.00	--	--
1621	MAX	8	SOIC Digital Thermometer and Thermostat with 2-wire serial CPU controlled interface.	DS1621S+	972-5261	250.00	196.00	157.00	--	--
1624	MAX	8	SOIC Digital Thermometer with 256bytes of EEprom providing 13-bit temperature reading, 2-wire interface	DS1624S+	972-5270	476.00	374.00	300.00	--	--
1629	MAX	8	SOIC Digital Thermometer and Real-time Clock with Thermostatic and time alarms, 2-wire serial interface ±2°C acc. (-55°C to +125°C)	DS1629S	333-0023	367.00	306.00	260.00	--	--
1629	MAX	8	SOIC Digital Thermometer and Real-time Clock with Thermostatic and time alarms, 2-wire serial interface ±2°C acc. (-55°C to +125°C)	DS1629S+	972-4745	424.00	333.00	267.00	--	--
1721	MAX	8	SOIC 2-Wire Digital Thermometer and Thermostat	DS1721S+	972-3862	204.00	160.00	128.00	--	--
1722	MAX	8	SOIC Digital Thermometer with 3-wire SPI interface, ±2°C acc. (-55°C to +120°C)	DS1722S+	972-4753	136.00	107.00	86.00	--	--
1821	MAX	3	TO-92 Programmable Digital Thermostat	DS1821	787-176	274.00	229.00	194.00	--	--
1821	MAX	3	TO-92 Programmable Digital Thermostat	DS1821+	972-6330	343.00	270.00	216.00	--	--
3100	TI	48	LQFP CCD/CIS Signal Processor, 14-BIT	VSP3100YG4	120-7255	503.00	432.00	373.00	335.00	--
7314	ADI	8	MSOP 10-Bit Low Voltage, Digital Temp. Sensor	AD7314ARMZ	942-6345	51.00	46.00	39.00	--	--
7416	ADI	8	SOIC Temp. Sensor with I <sup>2</sup> C interface, 10-bit ADC and Over Temperature Indicator, acc. ±2°C @ 25°C, -55°C to +125°C ext. temp. (Enhanced LM75)	AD7416ARZ	942-5560	78.00	67.00	54.00	--	--
7417	ADI	16	SOIC 4-channel Temp. Sensor with I <sup>2</sup> C interface, 10-bit ADC and Over Temperature Indicator, acc. ±2°C @ 25°C, -55°C to +125°C ext. temp.	AD7417ARZ	107-9321	241.00	213.00	186.00	--	--
7418	ADI	8	SOIC Temp. Sensor with I <sup>2</sup> C interface, 10-bit ADC, single input channel, Reference input and Over Temperature Indicator, acc. ±2°C @ 25°C, -55°C to +125°C ext. temp.	AD7418ARZ	960-3832	189.00	136.00	--	--	--
7816	ADI	8	SOIC Temp. Sensor with serial interface compatible with SPI/Microwire protocols, 10-bit ADC, acc. ±2°C @ 25°C, -55°C to +125°C ext. temp.	AD7816ARZ	114-3187	143.00	115.00	86.00	--	--
9803	MCHIP8	MSOP	2-Wire, High Accuracy Temperature Sensor	MCP9803-M/MSG	941-3944	87.00	53.00	53.00	--	--
9803	MCHIP8	SOIC	2-Wire, High Accuracy Temperature Sensor	MCP9803-M/SNG	941-3952	87.00	53.00	53.00	--	--
22100	ADI	3	TO-92 Temp. Sensor with Signal Conditioning, 22.5mV/°C, -50°C to +150°C ext. temp.	AD22100KTZ	960-5320	118.00	92.00	80.00	--	--
22105	ADI	8	SOIC Low voltage, resistor programmable Thermostatic Switch, 2°C set-point accuracy, -50°C to +150°C	AD22105ARZ	942-5659	107.00	95.00	83.00	--	--
94021	NSC	5	SC70 Multi-Gain Analogue Temperature Sensor	LM94021BIMG	104-7766	80.00	56.00	40.00	--	--
95071	NSC	5	SOET-23 SPI/MICROWIRE™ 13-Bit Plus Sign Temperature Sensor	LM95071CIMF	100-8035	116.00	82.00	60.00	--	--

Timers

210458

Mfr.	Pins	Pkg	Description	Mfrs. List No.	Order Code	1+	25+	100+	250+	+
551	TI	8	SOIC LINCOS Timer/Linear	TLC551CD	845-4388	62.00	50.00	39.00	27.00	--
551	TI	8	PDIP LINCOS Timer/Linear	TLC551CP	845-4396	62.00	50.00	39.00	27.00	--
552	TI	14	PDIP Dual LINCOS Timer/Linear	TLC552CN	845-4400	83.00	64.00	47.00	40.00	--
555	FCH	8	SOIC Single Timer	KA555D	347-7009	18.00	15.00	13.00	10.00	--
555	FCH	8	DIL Single Timer (IND TEMP)	KA555L	347-7010	21.00	18.00	15.00	12.00	--
555	FCH	8	DIL Single Timer	KA555	101-3833	18.00	14.00	12.00	--	--
555	FCH	8	SOIC Single Timer	KA555D	101-3834	18.00	15.00	13.00	10.00	--
555	FCH	8	DIL Single Timer (IND TEMP)	KA555I	101-3835	21.00	18.00	15.00	12.00	--
555	NSC	8	SOIC Single Timer	LM555CM	948-8227	47.00	32.00	23.00	--	--
555	NSC	8	DIL Single Timer	LM555CN	948-8235	53.00	36.00	26.00	--	--
555	NSC	8	SOIC CMOS Low Power Timer	LMC555CM	949-3972	49.00	34.00	24.00	--	--
555	NSC	8	MSOP CMOS Low Power Timer (IND TEMP)	LMC555CMM	977-9302	67.00	48.00	34.00	--	--
555	NSC	8	DIL CMOS Single Timer	LMC555CN	948-8243	60.00	42.00	30.00	--	--
555	TI	8	SOIC Single Precision Timer	NE555D	958-9880	25.00	19.00	14.00	9.00	--
555	TI	8	DIL Single Precision Timer	NE555P	958-9899	25.00	19.00	14.00	9.00	--
555	TI	8	SOIC Precision Timer	SA555D	958-9945	27.00	19.00	15.00	12.00	--
555	TI	8	DIL Precision Timer	SA555PG4	958-9953	44.00	31.00	24.00	16.00	--
555	TI	8	SOIC CMOS Low Power Timer	TLC555CD	595-056	49.00	35.00	26.00	18.00	--
555	TI	8	SOIC CMOS Low Power Timer	TLC555CD	110-6128	50.00	35.00	27.00	19.00	--
555	TI	8	SOIC LINCOS, Single High-Speed Timer	TLC555CDR	845-4426	50.00	35.00	27.00	18.00	--
555	TI	8	DIL CMOS Low Power Timer	TLC555CP	409-406	46.00	33.00	25.00	18.00	--
555	TI	8	DIL CMOS Low Power Timer	TLC555CP	110-3036	50.00	35.00	27.00	18.00	--
555	TI	8	PDIP LINCOS, Single High-Speed Timer	TLC555IP	845-4434	54.00	39.00	29.00	21.00	--
555	ST	8	DIL CMOS Low Power Timer	TS555CN	409-418	40.00	30.00	23.00	18.00	--
555	ST	8	DIL CMOS Low Power Timer	TS555CN	109-4382	40.00	30.00	23.00	17.00	--