

TEXAS INSTRUMENTS Analog ICs

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TEMPERATURE SENSORS

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Accuracy Over Temp. Range (Max.) (°C)	Supply Voltage (V)		I _q (Typ.) (mA)	Sensor Gain (mV/°C)	Output Current (mA)	Specific Temp. Range (°C)	Price Each			
				Min.	Max.					1	10	100	1000
Standard													
595-LMT84LP	LMT84LP	TO-92-3	-	1.5	5.5	0.0054	-5.5	7	-50 to +150	.91	.823	.642	.349
595-TMP275AID	TMP275AID	SOIC-8	0.5	2.7	5.5	0.05	-	4	-40 to +125	2.83	2.54	2.08	1.33
595-TMP275AIDGKT	TMP275AIDGKT	MSOP-8	0.5	2.7	5.5	0.05	-	3	-40 to +125	2.71	2.43	1.99	1.28
926-LM35CAZ/NOPB	LM35CAZ/NOPB	TO-92	0.5	4	30	56	10	10	-40 to +110	5.59	4.49	4.10	2.78
595-LMT84QDCKTQ1	LMT84QDCKTQ1	SC-70-5	0.9	1.5	5.5	-	-5.5	7	-50 to +150	.91	.802	.615	.304
595-TMP112AIDRLT	TMP112AIDRLT	SOT-6	1	1.4	3.6	0.007	-	0.5	-40 to +125	2.74	2.47	1.98	1.16
926-LM35CZ/NOPB	LM35CZ/NOPB	TO-92	1	4	30	56	10	10	-40 to +110	4.75	3.82	3.48	2.37
926-LM35DM/NOPB	LM35DM/NOPB	SOIC-8	1	4	30	56	10	10	0 to +100	1.80	1.45	1.16	.844
926-LM35DT/NOPB	LM35DT/NOPB	TO-220	1	4	30	56	10	10	0 to +100	2.32	1.87	1.50	1.08
926-LM35DZ/NOPB	LM35DZ/NOPB	TO-92	1	4	30	56	10	10	0 to +100	1.56	1.25	.965	.673
926-LM34CAZ/NOPB	LM34CAZ/NOPB	TO-92	1	5	30	75	10	10	-40 to +230	8.56	7.74	6.40	4.50
926-LM94021BIMG/NOPB	LM94021BIMG/NOPB	SC-70-5	1.5	1.5	5.5	9	-5.5 to -13.6	7	-50 to +150	1.03	.929	.725	.394
926-LM94022BIMG/NOPB	LM94022BIMG/NOPB	SC-70-5	1.5	1.5	5.5	5.4	-5.5 to -13.6	7	-50 to +150	1.03	.929	.725	.394
926-94023BITME/NOPB	LM94023BITME/NOPB	MicroSMD	1.5	1.5	5.5	8.1	-5.5 or -8.2	7	-50 to +150	1.19	1.07	.835	.454
595-TMP421YZDT	TMP421YZDT	BGA-8	1.5	2.7	5.5	0.4	-	6	-55 to +127	1.72	1.55	1.24	.731
595-TMP175AIDGKT	TMP175AIDGKT	MSOP-8	1.5	2.7	5.5	0.05	-	4	-25 to +85	2.29	2.05	1.65	.971
595-TMP102AIDRLT	TMP102AIDRLT	SOT-6	2	1.4	3.6	0.01	-	3	-55 to +150	1.52	1.37	1.10	.648
926-LM60BIM3/NOPB	LM60BIM3/NOPB	SOT-23-3	2	2.7	10	82	6.25	10	-25 to +125	1.21	1.08	.849	.461
926-LM60BIZ/NOPB	LM60BIZ/NOPB	TO-92	2	2.7	10	82	6.25	10	-25 to +125	1.15	1.03	.807	.439
926-LM61BIZ/NOPB	LM61BIZ/NOPB	TO-92	2	2.7	10	82	10	10	-25 to +85	1.15	1.03	.807	.439
595-TMP121AIDBVT	TMP121AIDBVT	SOT-23-6	2	2.7	5.5	0.035	-	3	-40 to +125	2.90	2.60	2.09	1.23
595-TMP123AIDBVT	TMP123AIDBVT	SOT-23-6	2	2.7	5.5	0.035	-	3	-40 to +125	2.90	2.60	2.09	1.23
595-TMP75AIDGKT	TMP75AIDGKT	MSOP-8	2	2.7	5.5	0.05	-	3	-40 to +125	1.51	1.21	.935	.652
926-LM45BIM3/NOPB	LM45BIM3/NOPB	SOT-23-3	2	4	10	120	10	10	-20 to +100	1.57	1.40	1.09	.596
926-LM50BIM3/NOPB	LM50BIM3/NOPB	SOT-23-3	2	4.5	10	130	10	10	-25 to +100	1.57	1.40	1.09	.596
926-LM34CZ/NOPB	LM34CZ/NOPB	TO-92	2	5	30	75	10	10	-40 to +230	6.64	5.99	4.96	3.48
926-LM34DM/NOPB	LM34DM/NOPB	SOIC-8	2	5	30	75	10	10	32 to +212	2.92	2.62	2.10	1.23
926-LM34DZ/NOPB	LM34DZ/NOPB	TO-92	2	5	30	75	10	10	32 to +212	2.52	2.26	1.82	1.06
926-LM19CIZ/NOPB	LM19CIZ/NOPB	TO-92	2.5	2.4	5.5	4.5	-11.7	10	-55 to +130	.89	.694	.448	.233
595-LMT89DCKT	LMT89DCKT	SC-70	2.5	2.4	5.5	-	-11.7	10	-55 to +130	.69	.614	.471	.233
926-LM20BIM7/NOPB	LM20BIM7/NOPB	SC-70-5	2.5	2.4	5.5	4.5	-11.7	10	-55 to +130	1.12	1.00	.787	.428
595-LMT84DCKT	LMT84DCKT	SC-70	2.7	1.5	5.5	-	-5.5	7	-50 to +150	.69	.614	.471	.233
595-LMT85DCKT	LMT85DCKT	SC-70	2.7	1.8	5.5	-	-8.2	7	-50 to +150	.69	.614	.471	.233
595-LMT85QDCKTQ1	LMT85QDCKTQ1	SC-70-5	2.7	1.8	5.5	-	-8.2	7	-55 to +150	.91	.802	.615	.304
595-LMT85LP	LMT85LP	TO-92-3	2.7	1.8	5.5	0.0054	-8.2	7	-50 to +150	.91	.823	.642	.349
595-LMT86DCKT	LMT86DCKT	SC-70	2.7	2.2	5.5	-	-10.9	7	-50 to +150	.69	.614	.471	.233
595-LMT86QDCKTQ1	LMT86QDCKTQ1	SC-70-5	2.7	2.2	5.5	-	-10.9	7	-50 to +150	.91	.802	.615	.304
595-LMT86LP	LMT86LP	TO-92-3	2.7	2.2	5.5	0.0054	-10.9	7	-50 to +150	.91	.823	.642	.349
595-LMT87DCKT	LMT87DCKT	SC-70	2.7	2.7	5.5	-	-13.6	7	-50 to +150	.69	.614	.471	.233
595-LMT87QDCKTQ1	LMT87QDCKTQ1	SC-70-5	2.7	2.7	5.5	-	-13.6	7	-50 to +150	.91	.802	.615	.304
595-LMT87LP	LMT87LP	TO-92-3	2.7	2.7	5.5	0.0054	-13.6	7	-50 to +150	.91	.823	.642	.349
595-TMP103AYFFT	TMP103AYFFT	DSBGA-4	3	1.4	3.6	0.0015	-	0.003	-40 to +125	1.33	1.19	.929	.505
595-TMP104YFFT	TMP104YFFT	DSBGA-4	3	1.4	3.6	0.0015	-	0.003	-55 to +150	1.63	1.46	1.13	.619
595-TMP006AIYZFT	TMP006AIYZFT	DSBGA-8	3	2.2	3.6	0.24	7	0.24	-55 to +125	4.17	3.74	3.07	1.96
926-LM60CIZ/NOPB	LM60CIZ/NOPB	TO-92	3	2.7	10	82	6.25	10	-40 to +125	.87	.772	.592	.293
926-LM61BIM3/NOPB	LM61BIM3/NOPB	SOT-23-3	3	2.7	10	82	10	10	-25 to +85	1.27	1.14	.89	.484
926-LM61CIM3/NOPB	LM61CIM3/NOPB	SOT-23-3	3	2.7	10	82	10	10	-30 to +100	.88	.796	.621	.338
926-LM61CIZ/NOPB	LM61CIZ/NOPB	TO-92	3	2.7	10	82	10	10	-30 to +100	.84	.743	.569	.281
595-TMP100NA/250	TMP100NA/250	SOT-23-6	3	2.7	5.5	0.045	-	0.75	-55 to +125	2.38	2.14	1.72	1.01
595-TMP101NA	TMP101NA	SOT-23-6	3	2.7	5.5	0.045	-	0.75	-55 to +125	2.52	2.26	1.82	1.06
926-LM83CIMQAX/NOPB	LM83CIMQAX/NOPB	QSOP-16	3	3	3.6	0.8	50	10	-40 to +125	5.57	5.01	4.10	2.63
926-LM45CIM3/NOPB	LM45CIM3/NOPB	SOT-23-3	3	4	10	120	10	10	-20 to +100	.89	.802	.626	.34
926-LM50CIM3/NOPB	LM50CIM3/NOPB	SOT-23-3	3	4.5	10	130	10	10	-40 to +125	.94	.849	.662	.36
926-LM335AZ/NOPB	LM335AZ/NOPB	TO-92	3	5	-	1000	10	10	-40 to +100	1.67	1.34	1.03	.72
926-LM60CIM3/NOPB	LM60CIM3/NOPB	SOT-23-3	4	2.7	10	82	6.25	10	-40 to +125	.91	.823	.642	.349
595-LMT90DBZT	LMT90DBZT	SOT-23	4	4.5	10	0.013	9.7	10	-40 to +125	.77	.683	.524	.259
595-LMT88DCKT	LMT88DCKT	SC-70	5	2.4	5.5	0.01	-11.7	10	-5 to +130	.64	.564	.433	.214
926-LM20CIM7/NOPB	LM20CIM7/NOPB	SC-70-5	5	2.4	5.5	4.5	-11.7	10	-55 to +130	.94	.849	.662	.36
595-TMP422AIDCNT	TMP422AIDCNT	SOT-23-8	±1	2.7	5.5	0.4	-	6	-40 to +125	1.99	1.78	1.43	.844
595-TMP431CDGKT	TMP431CDGKT	MSOP-8	±1	2.7	5.5	0.035	2.5	6	-40 to +125	1.61	1.29	.993	.693
595-TMP708AIDBVT	TMP708AIDBVT	SOT-23	±3	2.7	5.5	0.04	-	20	-40 to +125	1.02	.82	.63	.439
595-TMP709AIDBVT	TMP709AIDBVT	SOT-23	±3	2.7	5.5	0.04	-	20	-40 to +125	1.02	.82	.63	.439

TEMPERATURE SENSOR/SWITCHES

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Sensor Accuracy Over Temp. Range (Max.) (°C)	Supply Voltage (V)		I _q (Typ.) (mA)	Sensor Gain (mV/°C)	Temp Switch Accuracy	Vtemp Output Impedance	Specific Temp. Range (°C)	Price Each			
				Min.	Max.						1	10	100	1000
926-LM57BISD-5/NOPB	LM57BISD-5/NOPB	LLP-8	0.8	2.4	5.5	24	-5.186 to -12.924	1.5	1Ω	-50 to +150	2.07	1.86	1.49	.878
595-TMP303CDRLT	TMP303CDRLT	SOT-563-6	1	1.4	3.6	0.004	-	-	-	-40 to +125	1.36	1.22	.952	.518
595-TMP302QDRLRQ1	TMP302QDRLRQ1	SOT-563-6	2	1.4	3.6	0.008	-	-	-	-40 to +125	.81	.713	.547	.27

TEMPERATURE SWITCHES

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Accuracy Over Temp. Range (Max.) (°C)	Supply Voltage (V)		I _q (Typ.) (mA)	Sensor Gain (mV/°C)	Ref. Output (V)	Vtemp Output Impedance	Specific Temp. Range (°C)	Price Each			
				Min.	Max.						1	10	100	1000
926-LM26CIM5-TPANOPB	LM26CIM5-TPA/NOPB	SOT-23-5	3	2.7	5.5	40	-10.82	-	18Ω	-55 to +125	1.27	1.14	.89	.484

DIGITAL TEMPERATURE SENSORS

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Accuracy Over Temp. Range (Max.) (°C)	Supply Voltage (V)		I _q (Typ.) (mA)	Sensor Gain (mV/°C)	Output Current (mA)	Specific Temp. Range (°C)	Price Each			
				Min.	Max.					1	10	100	1000
926-LM92CIM/NOPB	LM92CIM/NOPB	SOIC-8	0.33	2.7	5.5	625	-	10	-55 to +150	4.83	4.34	3.55	2.28
595-TMP107BIDR	TMP107BIDR	SOIC-8	0.4	1.7	5.5	0.4	-	0.3	-55 to +125	3.33	2.99	2.45	1.57
595-LMT01LPG	LMT01LPG	TO-92-2	0.5	2	5.5	0.039	-5.2 to 12.9	-	-50 to +150	2.09	1.88	1.51	.889
595-LMT01LPGM	LMT01LPGM	TO-92-3	0.5	2	5.5	0.039	-5.2 to 12.9	-	-50 to +150	2.09	1.88	1.51	.889