

NXP SEMICONDUCTOR Analog ICs



This product is RoHS compliant.



Analog ICs

SWITCHES, WIDEBAND RF

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Config.	Supply Voltage Range	Insertion Loss (Max.) (dB)	Return Loss		Switching Speed		1dB Gain Compression (dBm)	NF 900 MHz (Typ) (dB)	Price Each			
						ON Chan 900 MHz	OFF Chan 900 MHz	On-Off Delay	On-Off Rise/Fall			1	25	100	250
◆ 771-SA630D/01-T	SA630D/01,118	SO-8	SPDT	3.0 to 5.5	2.8	12	13	20	5	+18	2	4.10	3.87	3.58	3.32
◆ 771-SA630D01112	SA630D/01,112	SO-8	SPDT	3.0 to 5.5	2.8	12	13	50	5	+18	2	5.29	4.23	3.29	3.12

TEMPERATURE SENSORS, SILICON

◆ Surface Mount Device

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MOUSER STOCK NO.	NXP Part No.	Package	Sensor Resistance		Temp. Coefficient (%K)	Ambient Temperature	Resistance Ratio		Drift of Sensor Resistance (Typ)(Ω)	Price Each			
			Min. Ω	Max. Ω			T _{amb} =100°C & 25°C (Min./Typ./Max.)	T _{amb} =-55°C & 25°C (Min./Typ./Max.)		1	25	100	250
771-KTY83/110-T/R	KTY83/110,113	SOD-68	990	1010	0.76	-55 to +175	1.65/1.67/1.69	0.49/0.50/0.51	1.0	1.04	.80	.71	.615
771-KTY83/122T/R	KTY83/122,113	SOD-68	1000	1020	0.76	-55 to +175	1.65/1.67/1.69	0.49/0.50/0.51	1.0	1.07	.84	.761	.663

TEMPERATURE / VOLTAGE MONITORS, i²C

◆ Surface Mount Device

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MOUSER STOCK NO.	NXP Part No.	Package	Interface	Temp. Accuracy	Temp. Res. (Typ)(°C)	Standby Current (μA)	Over Temp. Alert	Internal Temp. Monitor	Remote Temp. Monitor	Assignable Addresses	Price Each			
											1	25	100	250
◆ 771-LM75AD	LM75AD,112	SO-8	I2C	±2	0.125	3.5	Yes	Yes	No	8	.98	.78	.686	.602
◆ 771-LM75ADP-T	LM75ADP,118	TSSOP-8	I2C	±2	0.125	3.5	Yes	Yes	No	8	.99	.821	.681	.532
◆ 771-LM75AD-T	LM75AD,118	SO-8	I2C	±2	0.125	3.5	Yes	Yes	No	8	.50	.45	.43	.375
◆ 771-LM75BDP	LM75BDP,118	TSSOP-8	I2C	±2	0.125	1	Yes	Yes	No	8	.91	.72	.648	.564
◆ 771-SA56004ADP-T	SA56004ADP,118	TSSOP-8	I2C, SMBus	±2	0.125	10	Yes	No	Yes	8	.54	.495	.467	.444
◆ 771-SE95DP-T	SE95DP,118	TSSOP-8	I2C	±1	0.125	4	Yes	No	No	8	1.15	.949	.787	.615
◆ 771-SE97BTP547	SE97BTP,547	HWSON-8	I2C, SMBus	±1	0.125	5	Yes	No	No	8	1.33	1.06	.931	.817

TRANSCEIVERS

◆ Surface Mount Device



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MOUSER STOCK NO.	NXP Part No.	Package	Supply Voltage (Min./Max.)	Configuration	Data Transfer (Max.) (Mbit/s)	Transceiver Type	Price Each			
							1	25	100	250
◆ 771-TJA1021T10C118	TJA1021T/10/C,118	SO-8	5.5/27	LIN2.1/SAE J2602	0.02	LIN2.1	1.12	.993	.894	.778
◆ 771-TJA1021TK20C1	TJA1021TK/20/C,118	HWSON-8	5.5/27	LIN2.1/SAE J2602	0.02	LIN2.1	1.37	1.06	.895	.757
◆ 771-TJA1080ATS2T118	TJA1080ATS/2/T,118	SSOP-20	6.5/60	FlexRay EPL2.1 Rev A	10	FlexRay node and star transceiver	6.52	5.92	5.31	4.83
◆ 771-TJA1081TS118	TJA1081TS,118	SSOP-16	6.5/60	FlexRay EPL2.1 Rev A	10	FlexRay node transceiver	8.47	6.57	5.51	4.66
◆ 771-TJA1082TT118	TJA1082TT,118	TSSOP-14	4.5/5.25	FlexRay EPL2.1 Rev B	10	FlexRay node transceiver	7.08	5.48	4.60	3.89

UARTS

◆ Surface Mount Device



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MOUSER STOCK NO.	NXP Part No.	Package	Channels	Data Xfer Rate (Max)	Supply Voltage	Interface Compatible	FIFO (byte/s)	Icc (mA)	Additional Features	Price Each			
										1	25	100	250
◆ 771-SCC2691AC1D24-T	SCC2691AC1D24,518	SO-24	1	115.2kb	5.0	----	----	1.0	Multifunction Counter/Timer	5.39	4.31	3.63	3.50
771-SCC2691AC1N24	SCC2691AC1N24,602	DIP-24	1	115.2kb	5.0	----	----	1.0	Multifunction Counter/Timer	5.10	4.08	3.60	3.51
771-SCC2691AE1N24	SCC2691AE1N24,602	DIP-24	1	115.2kb	5.0	----	----	1.0	Multifunction Counter/Timer	6.10	5.17	4.36	4.20
◆ 771-SC16C550BIA44-T	SC16C550BIA44,518	PLCC-44	1	3 Mbit/s	2.5, 3.3, 5.0	----	----	16	4.5	2.25	1.80	1.47	1.40
◆ 771-SC16S740IPW	SC16S740IPW,112	TSSOP-44	1	5 Mbit/s	2.5, 3.3	I2C, SPI	64	6.0	IrDA encoder/decoder	2.27	1.88	1.48	1.38
◆ 771-SC16S740IPWQ900	SC16S740IPWQ900,112	TSSOP-16	1	5 Mbit/s	2.5, 3.3	I2C, SPI	64	6.0	IrDA encoder/decoder	2.28	2.11	1.77	1.60
◆ 771-SC16S750IPW-F	SC16S750IPW,128	TSSOP-24	1	5 Mbit/s	2.5, 3.3	I2C, SPI	64	6.0	IrDA encoder/decoder	2.53	2.27	1.73	1.64
◆ 771-SC16S760IPW	SC16S760IPW,112	TSSOP-24	1	5 Mbit/s	2.5, 3.3	I2C, SPI	64	6.0	IrDA encoder/decoder	2.20	2.13	1.87	1.78
◆ 771-SCC2681AC1N28	SCC2681AC1N28,112	DIP-28	2	115.2kb	5.0	----	----	10	Counter/Timer, Multi-Funtion Ports	5.50	4.66	4.42	4.14
◆ 771-SCC2681AC1N40	SCC2681AC1N40,112	DIP-40	2	115.2kb	5.0	----	----	10	Counter/Timer, Multi-Funtion Ports	5.50	4.66	4.05	3.90
◆ 771-SCC2692AC1A44S12	SCC2692AC1A44,512	PLCC-44	2	115.2kb	5.0	----	----	10	Counter/Timer, Multi-Funtion Ports	6.50	5.25	4.23	4.10
771-SCC2692AC1A44-T	SCC2692AC1A44,518	PLCC-44	2	115.2kb	5.0	----	----	10	Counter/Timer, Multi-Funtion Ports	3.95	3.88	3.75	3.68
◆ 771-SCC2692AC1N40	SCC2692AC1N40,602	DIP-40	2	115.2kb	5.0	----	----	10	Counter/Timer, Multi-Funtion Ports	3.95	3.88	3.75	3.68
◆ 771-SCC68681C1A44S	SCC68681C1A44,529	PLCC-44	2	115.2kb	5.0	S680000	----	10	Multifunction Ports/Counters/Timers	4.41	3.52	2.97	2.86
◆ 771-SCC68681C1N40	SCC68681C1N40,112	DIP-40	2	115.2kb	5.0	S680000	----	10	Multifunction Ports/Counters/Timers	5.50	4.66	4.42	4.23
◆ 771-SC26C92C1A512	SC26C92C1A,512	PLCC-44	2	230.4kb	5.0	----	2x8	5.0	Counter/Timer, Multi-Funtion Ports	5.50	4.66	4.05	3.90
◆ 771-SC26C92C1A-T	SC26C92C1A,518	PLCC-44	2	230.4kb	5.0	----	2x8	5.0	Counter/Timer, Multi-Funtion Ports	4.24	4.11	3.98	3.86
◆ 771-SC28L92A1B-T	SC28L92A1B,528	QFP-44	2	230.4kb	3.3, 5.0	----	16	7.0	Counter/Timer, Multi-Funtion Ports	10.04	9.49	9.27	8.55
◆ 771-SC28L92A1B557	SC28L92A1B,557	QFP-44	2	230.4kb	3.3, 5.0	----	16	7.0	Counter/Timer, Multi-Funtion Ports	8.61	7.35	6.99	6.78
◆ 771-SC16C2550BIA44-T	SC16C2550BIA44,518	PLCC-44	2	5 Mbit/s	2.5, 3.3, 5.0	----	16	4.5	----	3.68	3.56	3.22	3.06
◆ 771-SC16C2552BIA44-S	SC16C2552BIA44,529	PLCC-44	2	5 Mbit/s	2.5, 3.3, 5.0	----	16	4.5	----	5.06	4.05	3.40	3.24
◆ 771-SC16C652BIB48-S	SC16C652BIB48,151	LQFP-48	2	5 Mbit/s	2.5, 3.3, 5.0	----	32	4.5	IrDA encoder/decoder	5.10	4.08	3.64	3.51
◆ 771-SC16C752IB48128	SC16C752IB48,128	LQFP-48	2	5 Mbit/s	2.5, 3.3, 5.0	----	64	4.5	Transmission Control Register	5.76	5.18	4.72	4.26
◆ 771-SC16C752BIB48	SC16C752BIB48,157	LQFP-48	2	5 Mbit/s	2.2, 2.5, 5.0	----	64	4.5	Transmission Control Register	3.63	3.30	3.11	2.96
◆ 771-SC16S752IBS-S	SC16S752IBS,151	HVQFN-32	2	5 Mbit/s	2.5, 3.3	I2C, SPI	64	6.0	IrDA encoder/decoder	3.05	2.75	2.67	2.28
◆ 771-SC16S752IPW	SC16S752IPW,112	TSSOP-28	2	5 Mbit/s	2.5, 3.3	I2C, SPI	64	6.0	IrDA encoder/decoder	3.10	2.60	2.44	2.24
◆ 771-SC16S762IBS-S	SC16S762IBS,151	HVQFN-32	2	5 Mbit/s	2.5, 3.3	I2C, SPI	64	6.0	IrDA encoder/decoder	3.00	2.86	2.56	2.55
◆ 771-SC16C554DBIA68-S	SC16C554DBIA68,529	PLCC-68	4	5 Mbit/s	2.5, 3.3, 5.0	Intel, Motorola	16	4.5	----	7.57	7.04	5.95	5.73
◆ 771-SC16C554IB80S28	SC16C554IB80,528	LQFP-80	4	3 Mbit/s	2.5, 3.3, 5.0	Intel, Motorola	16	4.5	4-level receive trigger level, IrDA	9.45	8.61	7.77	7.14
◆ 771-SC16C654DBIB64-S	SC16C654DBIB64,151	LQFP-64	4	5 Mbit/s	2.5, 3.3, 5.0	Motorola	64	6.0	IrDA encoder/decoder	7.91	7.48	6.31	6.08

EVALUATION BOARDS



MOUSER STOCK NO.	NXP Part No.	Description	Price Each
771-OM11055598	OM11055,598	Evaluation board to demonstrate and evaluate the PCF8883 capacitive proximity switch	30.00
771-OM13285,598	OM13285,598	Demonstration Board for PCA9629 Stepper Motor	225.00
771-HSDCJAKIT1W2DBDB	HSDC-JAKIT1W2DB	DAC/ADC Lattice Development Kit for ECP3 FPGA, ADC1413D, DAC1408D	725.00

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