

# NXP SEMICONDUCTOR Analog ICs



This product is RoHS compliant.

## PCI-EXPRESS PHYSICAL LAYER (PHY) DEVICES

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Supply Voltage (Vcc) (Typ)	PCIe	Speed (Max) (Gbps)	Operating Temperature (°C)	Price Each			
							1	25	100	250
◆ 771-PX1011BI-EL1G551	PX1011BI-EL1/G,551	SOT-643	1.2, 2.5, 3.3	X1	2.5	-0 to +70	10.00	9.00	7.98	7.65
◆ 771-PX1011B-EL1G551	PX1011B-EL1/G,551	SOT-643	1.2, 2.5, 3.3	X1	2.5	-40 to +85	8.18	7.43	7.00	6.66

## LCD DRIVERS

◆ Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Supply Voltage (Min/Max)	Supply Current (Typ)(mA)	LCD Frame Frequency (Typ)(Hz)	Interface	Limiting Supply Voltage		Word Length	Multiplex Rate	LCD Segments	Price Each			
							Min	Max				1	25	100	250
◆ 771-PCA9620HQ900151	PCA9620H/Q900/1,51	LQFP-80	1.8/5.5	0.125	200	I2C Fast Mode	2.5	5.5	----	1:1,2:1,4:1,6:1,8	480	4.30	3.87	3.52	3.18
◆ 771-PCF2100CTD-T	PCF2100CT/F1,118	SO-28	2.25/6.0	20	75	C-Bus	2.25	6.0	22	1:2	40	1.23	1.17	1.13	1.05
◆ 771-PCF2112CTD-T	PCF2112CT/1,118	VSO-40	2.25/6.0	20	35	C-Bus	2.25	6.0	34	1:1	32	2.32	1.79	1.62	1.45
◆ 771-PCF8562TT/2-118	PCF8562TT/2,118	TSSOP-48	1.8/5.5	8	77	I2C Fast Mode	1.8	5.5	8	1:1,1:2,1:3,1:4	Up to 128	2.31	1.77	1.61	1.44
◆ 771-PCF8566PN	PCF8566P,112	DIP-40	2.5/6.0	30	64	I2C	2.5	6.0	24	1:1,1:2,1:3,1:4	24	2.79	2.25	2.02	1.80
◆ 771-PCF8566TD-T	PCF8566T/1,118	VSO-40	2.5/6.0	30	64	I2C	2.5	6.0	24	1:1,1:2,1:3,1:4	24	1.52	1.38	1.30	1.24
◆ 771-PCA8576CHQ90011	PCA8576CH/Q900/1,1	LQFP-64	2.0/6.0	40	69	I2C Fast Mode	2.0	6.0	8	1:1,1:2,1:3,1:4	40	3.78	3.08	2.77	2.52
◆ 771-PCF8576CHL/1157	PCF8576CHL/1,157	LQFP-64	2.0/6.0	40	69	I2C Fast Mode	2.0	6.0	8	1:1,1:2,1:3,1:4	40	3.36	2.70	2.46	2.22
◆ 771-PCF8576CTD-T	PCF8576CT/1,118	VSO-56	2.0/6.0	40	69	I2C Fast Mode	2.0	6.0	8	1:1,1:2,1:3,1:4	40	2.60	2.10	1.75	1.60
◆ 771-PCF8576DT/2-T	PCF8576DT/2,118	TSSOP-56	2.0/6.0	40	69	I2C Fast Mode	2.0	6.0	8	1:1,1:2,1:3,1:4	40	2.10	1.62	1.40	1.17

## LED DRIVERS

◆ Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	LED Type	Input Voltage (VDC)(V)	Output Voltage (V)	Output Current (mA)	Dimming Type	Number of LEDs	Output Efficiency (%)	Configuration	Price Each			
											1	25	100	250
◆ 771-SSL4101T1518	SSL4101T/1,518	SOIC-16	Universal	-0.4 to 38	48	0.7	----	----	94	----	3.08	2.28	2.12	1.75
◆ 771-PCA9551BS118	PCA9551BS,118	HVQFN-16	Universal	-0.5 to +5.8	----	6.5	PWM	8	----	----	2.38	1.83	1.66	1.49
◆ 771-PCA9551D	PCA9551D,112	SO-16	Universal	-0.5 to +5.8	----	6.5	PWM	8	----	----	2.11	1.70	1.53	1.36
◆ 771-PCA9551PW112	PCA9551PW,112	TSSOP-16	Universal	-0.5 to +5.8	----	6.5	PWM	8	----	----	2.11	1.70	1.53	1.36
◆ 771-PCA9552BS-T	PCA9552BS,118	HVQFN-24	Universal	-0.5 to +5.8	----	25	----	16	----	----	3.01	2.32	2.10	1.89
◆ 771-PCA9552D-T	PCA9552D,118	SO-24	Universal	-0.5 to +5.8	----	25	----	16	----	----	1.89	1.58	1.25	1.17
◆ 771-PCA9552PW-T	PCA9552PW,118	TSSOP-24	Universal	-0.5 to +5.8	----	25	----	16	----	----	2.05	1.71	1.36	1.27
◆ 771-PCA9553D/01-T	PCA9553D/01,118	SO-8	Universal	-0.5 to +5.8	----	6.5	----	4	----	----	1.16	1.04	.85	.79
◆ 771-PCA9553DP/01-T	PCA9553DP/01,118	TSSOP-8	Universal	-0.5 to +5.8	----	6.5	----	4	----	----	1.97	1.51	1.37	1.23
◆ 771-PCA9633D16-T	PCA9633D16,118	SO-16	Universal	-0.5 to +5.8	1.6	20	PWM	4	----	----	.85	.76	.587	.543
◆ 771-PCA9633DP2-T	PCA9633DP2,118	TSSOP-10	Universal	-0.5 to +5.8	1.6	20	PWM	4	----	----	1.52	1.20	1.08	.94
◆ 771-PCA9633PW-T	PCA9633PW,118	TSSOP-16	Universal	-0.5 to +5.8	1.6	20	PWM	4	----	----	.85	.76	.587	.543
◆ 771-PCA9634D	PCA9634D,112	SO-20	Universal	-0.5 to +5.8	1.6	20	PWM	8	----	----	.99	.90	.732	.685
◆ 771-PCA9634PW-T	PCA9634PW,118	TSSOP-20	Universal	-0.5 to +5.8	1.6	20	PWM	8	----	----	1.75	1.35	1.22	1.10
◆ 771-PCA9635PW118	PCA9635PW,118	TSSOP-28	Universal	-0.5 to +5.8	1.6	25	PWM	16	----	----	2.66	2.05	1.86	1.67
◆ 771-PCA9622DR,118	PCA9622DR,118	TSSOP-32	Universal	-0.5 to +5.8	----	100	PWM	16	----	Series/Parallel	2.43	1.96	1.63	1.49
◆ 771-PCA9632DP1118	PCA9632DP1,118	TSSOP-8	Universal	-0.5 to +5.8	1.6	20	PWM	4	----	----	.80	.71	.696	.661
◆ 771-PCA9632DP2118	PCA9632DP2,118	TSSOP-10	Universal	-0.5 to +5.8	1.6	20	PWM	4	----	----	.72	.661	.623	.592
◆ 771-SAA1064TD-T	SAA1064T/N2,118	SO-24	Universal	0.0 to 5.0	0.5	10	----	4	----	----	1.90	1.60	1.32	1.29

## REAL TIME CLOCKS/CALENDARS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Resolutions	Interface	Watchdog Timer	Prog. Alarm	Countdown Timer	Leap Year Tracking	Temperature Compensation	Price Each			
										1	25	100	250
◆ 771-PCA8565TS-T	PCA8565TS/1,118	TSSOP-8	1 Sec to Year	I2C	Yes	Yes	Yes	Yes	No	2.07	1.66	1.24	1.15
◆ 771-PCF2123TS/1-T	PCF2123TS/1,118	TSSOP-14	1 Sec to Year	SPI	Yes	Yes	Yes	Yes	No	1.46	1.32	1.15	1.01
◆ 771-PCF2127AT/1512	PCF2127AT/1,512	SO-20	1 Sec to Year	I2C, SPI	Yes	Yes	Yes	Yes	Yes	2.42	2.22	2.08	1.96
◆ 771-PCF2129AT/1512	PCF2129AT/1,512	SO-20	1 Sec to Year	I2C, SPI	Yes	Yes	No	Yes	Yes	2.65	2.38	2.13	1.90
◆ 771-PCF8523T/1118	PCF8523T/1,118	SO-8	1 Sec to Year	I2C	Yes	Yes	Yes	Yes	No	.92	.842	.794	.754
◆ 771-PCF8523TK/1118	PCF8523TK/1,118	HVSON-8	1 Sec to Year	I2C	Yes	Yes	Yes	Yes	No	.92	.842	.794	.754
◆ 771-PCF8523TS/1112	PCF8523TS/1,112	TSSOP-14	1 Sec to Year	I2C	Yes	Yes	Yes	Yes	No	.81	.74	.697	.663
◆ 771-PCF8523TS/1118	PCF8523TS/1,118	TSSOP-14	1 Sec to Year	I2C	Yes	Yes	Yes	Yes	No	.81	.74	.697	.663
◆ 771-PCF8563T/5518	PCF8563T/5,518	SO-8	1 Sec to Year	I2C	Yes	Yes	Yes	Yes	No	1.42	1.29	1.12	.989
◆ 771-PCF8563TD	PCF8563T/F4,112	SO-8	1 Sec to Year	I2C	Yes	Yes	Yes	Yes	No	1.38	1.14	1.07	1.03
◆ 771-PCF8563TD-T	PCF8563T/F4,118	SO-8	1 Sec to Year	I2C	Yes	Yes	Yes	Yes	No	1.63	1.30	.97	.91
◆ 771-PCF8563TS-T	PCF8563TS/4,118	TSSOP-8	1 Sec to Year	I2C	Yes	Yes	Yes	Yes	No	1.63	1.30	.97	.91
◆ 771-PCF8563TS/5118	PCF8563TS/5,118	TSSOP-8	1 Sec to Year	I2C	Yes	Yes	Yes	Yes	No	1.48	1.34	1.17	1.03
◆ 771-PCF8583PN	PCF8583P/F5,112	DIP-8	1/100th Sec to Year	I2C	No	Yes	Yes	No	No	3.00	2.35	2.02	1.74
◆ 771-PCF8583TD-T	PCF8583T/5,518	SO-8	1/100th Sec to Year	I2C	No	Yes	Yes	No	No	3.11	2.52	2.45	2.04
◆ 771-PCF8593N	PCF8593P,112	DIP-8	1/100th Sec to Year	I2C	No	Yes	Yes	No	No	2.93	2.34	1.91	1.82
◆ 771-PCF8593TD-T	PCF8593T/1,118	SO-8	1/100th Sec to Year	I2C	No	Yes	Yes	No	No	2.35	1.88	1.53	1.46

## SMART CARD READERS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Analog Interfaces	ISO 7816 UART	Host Interface	Integrated Crystal Oscillator	Supply Voltage (Min/Max)	Card Supply Voltage	Price Each			
									1	25	100	250
◆ 771-TDA8002CGB-T	TDA8002CG/C1,518	LQFP-32	1	Yes	I/O Lines	12MHz	3.0/6.5	5.0	2.72	2.30	1.84	1.80
◆ 771-TDA8023TTC1118	TDA8023TT/C1,118	TSSOP-28	1	No	I2C	2.5MHz	2.7/6.5	1.8, 3.0, 5.0	1.61	1.46	1.34	1.32
◆ 771-TDA8024TT-T	TDA8024TT/C1,118	TSSOP-28	1	No	I/O Lines	26MHz	2.7/6.5	3.0, 5.0	1.52	1.20	1.08	.94
◆ 771-TDA8024TC1118	TDA8024TC/1,118	SO-28	1	No	I/O Lines	26MHz	2.7/6.5	3.0, 5.0	1.04	.938	.894	.83
◆ 771-TDA8026ETC2551	TDA8026ET/C2,551	TFBGA-64	5	No	I2C	2.8MHz	2.7/5.5	1.8, 3.0, 5.0	4.00	3.60	3.54	3.50
◆ 771-TDA8029HL07BD-T	TDA8029HL/C207,118	LQFP-32	1	Yes	Serial or I2C	27MHz	2.7/6.0	1.8, 3.0, 5.0	5.88	5.28	4.80	4.20
◆ 771-TDA8034AT/C1-118	TDA8034AT/C1,118	SO-16	1	No	I/O Lines	26MHz	2.7/3.6	1.8, 3.0, 5.0	1.16	.89	.754	.75
◆ 771-TDA8034HN/C1-151	TDA8034HN/C1,151	HVQFN-24	1	No	I/O Lines	26MHz	2.7/3.6	1.8, 3.0, 5.0	1.52	1.20	1.08	.94
◆ 771-TDA8034T/C1-118	TDA8034T/C1,118	SO-16	1	No	I/O Lines	26MHz	2.7/3.6	1.8, 3.0, 5.0	1.16	.89	.754	.75