

NXP SEMICONDUCTOR Analog ICs



This product is RoHS compliant.

AUDIO CODEC

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Description	Operating Voltage (V)	Supply Current (mA)	Signal-to-Noise Ratio (dB/V)	Power Dissipation (mW)	Price Each			
								1	25	100	250
◆ 771-UDA1341TSDB-T	UDA1341TS/N1,518	SSOP-28	Economy audio for home & portable	3	7	100	80	5.02	4.01	3.12	3.08
◆ 771-UDA1342TSDB-T	UDA1342TS/N1,518	SSOP-28	Audio for MD	3	6	100	105	4.73	3.77	2.93	2.78
◆ 771-UDA1345TSDB-T	UDA1345TS/N2,118	SSOP-28	Economy audio	3	4	100	65	2.54	2.02	1.57	1.49
◆ 771-UDA1345TSN2112	UDA1345TS/N2,112	SSOP-28	Economy audio	3	4	100	65	3.06	2.57	2.34	2.11
◆ 771-UDA1380HNN2118	UDA1380HN/N2,118	HVQFN-32	Stereo audio for MD, CD and MP3	3	3.4	100	65	2.10	1.66	1.29	1.23

DISPLAYPORT TO VGA ADAPTER IC

• Display Resolutions: VGA to WUXGA



◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Bus	DAC (bits)	f _{clk} (MHz)	Operating Supply (V)	Supply Current (mA)	Operating Temperature (°C)	Price Each			
									1	25	100	250
◆ 771-PTN3392BS518	PTN3392BS,518	SOT-619-1	I2C	8	240	3.3	180	0 to 85	7.50	6.12	5.50	5.00

CAN CONTROLLERS, STAND ALONE

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	DC Supply Voltage (Min/Max)	Operating Supply Current (mA)	Protocol Compatibility	Operating Temperature (°C)	Price Each			
							1	25	100	250
◆ 771-SJA1000TD	SJA1000T/N1,112	SO-28	4.5/5.5	15	CAN 2.0B	-40 to +125	5.49	4.39	3.62	3.29
◆ 771-SJA1000TN1118	SJA1000T/N1,118	SO-28	4.5/5.5	15	CAN 2.0B	-40 to +125	5.69	4.59	3.82	3.49

INTERFACE BRIDGES

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Tx Buffer	Rx Buffer	Interface Type	GPIO	SPI Bus Speed	I ² C Bus Speed	Oscillator Type	Price Each			
										1	25	100	250
◆ 771-SC181S600IBS,128	SC181S600IBS,128	HVQFN-24	96-byte	96-byte	SPI to I2C	4	1.2M/s	400	Internal	1.80	1.75	1.66	1.57
◆ 771-SC181S600IPW	SC181S600IPW,112	TSSOP-16	96-byte	96-byte	SPI to I2C	4	1.2M/s	400	Internal	2.80	2.25	2.05	1.85
◆ 771-SC181S602BIPW,128	SC181S602BIPW,128	TSSOP-16	----	----	I2C to SPI	4	1.8M/s	400	Internal	2.22	1.78	1.38	1.31

INTERFACE CONTROLLERS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Interrupt Output	Power-On Reset	V _{cc} (Min/Max) (V)	Converter/Interface Type	Bus Speed	Number of Addresses	Operating Temperature (°C)	Price Each			
										1	25	100	250
◆ 771-PCA9564D-T	PCA9564D,118	SO-20	Yes	Yes	2.3/2.6	Parallel-bus to I2C	400	128	-40 to +85	1.71	1.44	1.18	1.16
◆ 771-PCA9564PW	PCA9564PW,112	TSSOP-20	Yes	Yes	2.3/2.6	Parallel-bus to I2C	400	128	-40 to +85	1.67	1.40	1.15	1.13
◆ 771-PCA9564PW118	PCA9564PW,118	TSSOP-20	Yes	Yes	2.3/2.6	Parallel-bus to I2C	400	128	-40 to +85	1.99	1.60	1.24	1.17
◆ 771-PCA9665PW-T	PCA9665PW,118	TSSOP-20	Yes	Yes	2.3/2.6	Fm+ parallel to I2C	1000	128	-40 to +85	1.42	1.37	1.32	1.29
◆ 771-PCF8584PN	PCF8584P,112	DIP-20	Yes	Yes	4.5/5.5	Parallel-bus to I2C	100	128	-40 to +85	4.10	3.30	2.74	2.44
◆ 771-PCF8584T2512	PCF8584T/2,512	SO-20	Yes	Yes	4.5/5.5	Parallel-bus to I2C	100	128	-40 to +85	4.10	3.30	2.74	2.44
◆ 771-PCF8584TD-T	PCF8584T/2,518	SO-20	Yes	Yes	4.5/5.5	Parallel-bus to I2C	100	128	-40 to +85	3.12	2.53	2.28	2.22
◆ 771-SC181M700IPW	SC181M700IPW,112	TSSOP-16	No	Yes	2.4/3.6	UART to I2C	400	8	-40 to +85	2.40	1.89	1.60	1.41

USB 3.0 SUPERSPEED RE-DRIVER

◆ Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Supply Voltage	Interface Type	ESD	Channels	Operating Temperature	Price Each			
								1	25	100	250
◆ 771-PTN36241BBS,115	PTN36241BBS,115	HVQFN-24	3.3	I2C, USB	8kV	2	0 to +85	.81	.743	.70	.666

HDMI TRANSMITTERS

◆ Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Number of Outputs	HDMI Version	Max Video Pixel Rate (MHz)	Video	CEC	HDMI 1.4a		I/O	Price Each			
								3D	Adobe RGB		1	25	100	250
◆ 771-TDA19989BETC1551	TDA19989BETC1,551	TFBGA-64	1	1.4a	150	1080p, 50/60Hz, 8-bit color	Yes	Yes	Yes	RGB/YUV	6.00	5.40	4.91	4.43

HOST CONTROLLERS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Core Supply Voltage	Operating Voltage Range	Description	Price Each			
						1	25	100	250
◆ 771-SDIO101HR551	SDIO101HR,551	HXQFN-60U	1.8V	1.8 to 3.3V	An SD/SDIO/MMC/CE-ATA host controller w/16-bit memory interface	3.63	2.90	2.64	2.38

I²C BUS REPEATERS/HUBS/EXTENDERS

◆ Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Inputs	Outputs	V _{cc} (Min/Max) (V)	Description	Price Each			
							1	25	100	250
◆ 771-P82B715PN	P82B715PN,112	DIP-8	1	1	4.5/12	I ² C-bus extender	3.92	3.15	2.87	2.59
◆ 771-P82B715TD	P82B715TD,112	SO-8	1	1	4.5/12	I ² C-bus extender	3.64	2.92	2.66	2.40
◆ 771-P82B715TD118	P82B715TD,118	SO-8	1	1	4.5/12	I ² C-bus extender	3.90	3.18	2.86	2.60
◆ 771-P82B96DP-T	P82B96DP,118	TSSOP-8	1	1	2.0/15	Dual bidirectional bus buffer	3.36	2.74	2.46	2.24
◆ 771-P82B96PN	P82B96PN,112	DIP-8	1	1	2.0/15	Dual bidirectional bus buffer	3.14	2.52	2.29	2.07
◆ 771-P82B96TD112	P82B96TD,112	SO-8	1	1	2.0/15	Dual bidirectional bus buffer	2.01	1.83	1.72	1.64
◆ 771-P82B96TD-T	P82B96TD,118	SO-8	1	1	2.0/15	Dual bidirectional bus buffer	3.36	2.74	2.46	2.24
◆ 771-PCA9507D118	PCA9507D,118	SO-8	1	1	2.7/5.5	2-wire serial bus extender for HDMI, DDC, I ² C & SMBus	.96	.87	.776	.723
◆ 771-PCA9507DP118	PCA9507DP,118	TSSOP-8	1	1	2.7/5.5	2-wire serial bus extender for HDMI, DDC, I ² C & SMBus	1.26	1.14	1.01	.94
◆ 771-PCA9508D118	PCA9508D,118	SO-8	1	1	2.7/5.5	Hot swappable level translating I ² C-bus repeater	1.26	1.14	1.01	.94
◆ 771-PCA9509ADP,118	PCA9509ADP,118	TSSOP-8	1	1	0.8/5.5	Level translating I ² C/SMB repeater	.89	.817	.78	.74
◆ 771-PCA9509AGM,125	PCA9509AGM,125	XQFN-8	1	1	0.8/5.5	Level translating I ² C/SMB repeater	.89	.817	.784	.74
◆ 771-PCA9509D118	PCA9509D,118	SO-8	1	1	2.7/5.5	Level translating I ² C-bus/SMB repeater	.96	.87	.776	.722