

# NXP SEMICONDUCTOR Analog ICs

RoHS Compliant This product is RoHS compliant.

## I<sup>2</sup>C GENERAL PURPOSE I/O (CONT.)

◆ Surface Mount Device

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Interrupt Output	Reset Input	Vcc (Min/Max) (V)	Number of Bits	Source Current per bit (mA)	Bus Speed	Number of Addresses	Operating Temperature (°C)	Price Each			
											1	25	100	250
◆ 771-PCA9555PW	PCA9555PW,112	TSSOP-24	No	No	2.3/5.5	16	10	400	8	-40 to +85	2.33	1.87	1.68	1.50
◆ 771-PCA9555PW-T	PCA9555PW,118	TSSOP-24	No	No	2.3/5.5	16	10	400	8	-40 to +85	2.63	2.02	1.83	1.65
◆ 771-PCA9555PWDG118	PCA9555PW/DG,118	TSSOP-24	No	No	2.3/5.5	16	10	400	8	-40 to +85	1.28	1.24	1.16	1.11
◆ 771-PCA9557BS-T	PCA9557BS,118	HVQFN-16	No	Yes	2.3/5.5	8	10	400	8	-40 to +85	1.72	1.32	1.20	1.07
◆ 771-PCA9557D	PCA9557D,112	SO-16	No	Yes	2.3/5.5	8	10	400	8	-40 to +85	1.52	1.22	1.10	.98
◆ 771-PCA9557PW-T	PCA9557PW,118	TSSOP-16	No	Yes	2.3/5.5	8	10	400	8	-40 to +85	1.72	1.32	1.20	1.07
◆ 771-PCA9575HF	PCA9575HF,118	HWQFN-24	Yes	No	1.1/3.6	16	1	400	16	-40 to +85	1.21	1.10	1.04	.991
◆ 771-PCA9575PW2,118	PCA9575PW2,118	TSSOP-28	Yes	No	1.1/3.6	16	1	400	16	-40 to +85	1.21	1.10	1.04	.991
◆ 771-PCA9670PW118	PCA9670PW,118	TSSOP-16	No	Yes	2.3/5.5	64	0.1	1000	8	-40 to +85	1.20	1.08	865	814
◆ 771-PCA96ABS118	PCA9674ABS,118	HVQFN-16	Yes	No	2.3/5.5	64	0.1	1000	8	-40 to +85	1.01	.925	.872	.829
◆ 771-PCA9675PW118	PCA9675PW,118	TSSOP-24	Yes	No	2.3/5.5	64	0.1	1000	16	-40 to +85	1.88	1.65	1.20	1.15
◆ 771-PCA9698DGG-T	PCA9698DGG,518	TSSOP-56	Yes	Yes	2.3/5.5	40	10	1000	64	-40 to +85	4.00	3.71	2.89	2.75
◆ 771-PCA9702PW,118	PCA9702PW,118	TSSOP-16	Yes	No	2.3/5.5	16	---	5 MHz	8	-40 to +125	.81	.743	.70	.666
◆ 771-PCA9703PW/Q900,118	PCA9703PW/Q900,118	TSSOP-24	Yes	No	4.5/5.5	16	---	5 MHz	16	-40 to +125	1.76	1.60	1.51	1.43
◆ 771-PCF8574APN	PCF8574AP,112	DIP-16	No	No	2.5/6.0	8	0.1	100	8	-40 to +85	1.83	1.47	1.32	1.18
◆ 771-PCF8574T3512	PCF8574AT/3,512	SO-16	No	No	2.5/6.0	8	0.1	100	8	-40 to +85	1.83	1.47	1.32	1.18
◆ 771-PCF8574ATD-T	PCF8574AT/3,518	SO-16	No	No	2.5/6.0	8	0.1	100	8	-40 to +85	2.07	1.59	1.44	1.29
◆ 771-PCF8574ATDK-T	PCF8574AT/3,118	SSOP-20	No	No	2.5/6.0	8	0.1	100	8	-40 to +85	2.07	1.59	1.44	1.29
◆ 771-PCF8574PN	PCF8574PN,112	DIP-16	No	No	2.5/6.0	8	0.1	100	8	-40 to +85	1.83	1.47	1.32	1.18
◆ 771-PCF8574TD-T	PCF8574T/3,518	SO-16	No	No	2.5/6.0	8	0.1	100	8	-40 to +85	2.07	1.59	1.44	1.29
◆ 771-PCF8574TDK	PCF8574T/3,112	SSOP-20	No	No	2.5/6.0	8	0.1	100	8	-40 to +85	.87	.793	.747	.71
◆ 771-PCF8574TDK-T	PCF8574T/3,118	SSOP-20	No	No	2.5/6.0	8	0.1	100	8	-40 to +85	2.07	1.59	1.44	1.29
◆ 771-PCF8575TSDB	PCF8575T/1,112	SSOP-24	No	No	2.5/6.0	16	0.1	400	8	-40 to +85	2.48	2.00	1.80	1.60
◆ 771-PCF8575TSDB-T	PCF8575T/1,118	SSOP-24	No	No	2.5/6.0	16	0.1	400	8	-40 to +85	2.80	2.16	1.96	1.76

## I<sup>2</sup>C MULTIPLEXERS/SWITCHES

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Interrupt Output	Power-On Reset	Vcc (Min/Max) (V)	Inputs	Outputs	Bus Speed	Number of Addresses	Operating Temperature (°C)	Price Each			
											1	25	100	250
◆ 771-PCA9540BDP/DG118	PCA9540BDP/DG,118	TSSOP-8	No	Yes	2.3/5.5	1	2	400	1	-40 to +85	.78	.71	.669	.636
◆ 771-PCA9541APW0311	PCA9541APW/03,118	TSSOP-16	Yes	Yes	2.3/5.5	2 (Masters)	1 Slave	400	16	-40 to +85	2.96	2.28	1.92	1.62

## I<sup>2</sup>C VOLTAGE LEVEL TRANSLATORS

◆ Surface Mount Device

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	No. of Outputs	tpd (Max)(ns)	Input Voltage (Max)(V)	R <sub>on</sub> (Typ/Max) (Ω)	C <sub>io(on)</sub> (Typ/Max)(pF)	C <sub>io(off)</sub> (Typ/Max)(pF)	Operating Temperature (°C)	Price Each			
										1	25	100	250
◆ 771-NVT2001GM115	NVT2001GM,115	XSON-8	1	1.5	6	2.4/5.0	9.3/12.5	4.0/6.0	-40 to +85	.30	.28	.264	.251
◆ 771-NVT2002DP118	NVT2002DP,118	TSSOP-8	2	1.5	6	2.4/5.0	9.3/12.5	4.0/6.0	-40 to +85	.34	.314	.295	.281
◆ 771-PCA9306GF115	PCA9306GF,115	XSON-8	2	1.5	6	2.4/5.0	9.3/12.5	4.0/6.0	-40 to +85	.34	.314	.295	.281
◆ 771-NVT2004TL115	NVT2004TL,115	HXSON-12	4	1.5	6	2.4/5.0	11.5/13	5.0/7.0	-40 to +85	.92	.71	.598	.506
◆ 771-NVT2006BQ115	NVT2006BQ,115	DHVQFN-16	6	1.5	6	2.4/5.0	11.5/13	5.0/7.0	-40 to +85	.45	.413	.389	.37
◆ 771-NVT2006BS118	NVT2006BS,118	HVQFN-16	6	1.5	6	2.4/5.0	11.5/13	5.0/7.0	-40 to +85	.45	.413	.389	.37
◆ 771-NVT2006PW118	NVT2006PW,118	TSSOP-16	6	1.5	6	2.4/5.0	11.5/13	5.0/7.0	-40 to +85	.45	.413	.389	.37
◆ 771-NVT2008BQ115	NVT2008BQ,115	DHVQFN-20	8	1.5	6	2.7/5.0	11.5/13	5.0/6.0	-40 to +85	.82	.756	.661	.58
◆ 771-NVT2008PW118	NVT2008PW,118	TSSOP-20	8	1.5	6	2.7/5.0	11.5/13	5.0/6.0	-40 to +85	.49	.446	.42	.399
◆ 771-NVT2010BQ118	NVT2010BQ,118	DHVQFN-24	10	1.5	6	2.7/5.0	11.5/13	5.0/6.0	-40 to +85	.89	.812	.71	.623
◆ 771-NVT2010BS115	NVT2010BS,115	HVQFN-24	10	1.5	6	2.7/5.0	11.5/13	5.0/6.0	-40 to +85	.89	.812	.71	.623
◆ 771-NVT2010PW118	NVT2010PW,118	TSSOP-24	10	1.5	6	2.7/5.0	11.5/13	5.0/6.0	-40 to +85	.89	.812	.71	.623

## I<sup>2</sup>C CAPACITIVE PROXIMITY SWITCH

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	No. of Channels	Vcc (Min/Max) (V)	Operating Temperature (°C)	Description	Price Each			
							1	25	100	250
771-PCF8885TS1	PCF8885T/1,118	TSSOP-28	8	2.5/5.5	-40 to 85	Auto-calibration and low power consumption	1.85	1.71	1.64	1.54

## MULTIPLEXERS/SWITCHES

◆ Surface Mount Device

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Supply Voltage (V)	Standby Current (μA)	Supply Current (mA)	Bandwidth	No. of Channels	Operating Temperature (°C)	Price Each			
									1	25	100	250
◆ 771-CBTL02042ABQ115	CBTL02042ABQ,115	DHVQFN-20	3.0 to 3.6	1	2.5	7.0GHz	2	-40 to +85	1.20	1.16	1.10	1.04
◆ 771-CBTL02042BBQ115	CBTL02042BBQ,115	DHVQFN-20	3.0 to 3.6	1	2.5	7.0GHz	2	-40 to +85	1.20	1.16	1.10	1.04
◆ 771-CBTL02043ABQ115	CBTL02043ABQ,115	DHVQFN-20	3.0 to 3.6	----	2.5	10.0GHz	2	-40 to +85	1.64	1.59	1.50	1.43
◆ 771-CBTL02043BBQ115	CBTL02043BBQ,115	DHVQFN-20	3.0 to 3.6	----	2.5	10.0GHz	2	-40 to +85	1.64	1.59	1.50	1.43
◆ 771-CBTL03SB212BS515	CBTL03SB212BS,515	HVQFN-20	3.0 to 3.6	----	0.2	2.5GHz	3	-40 to +85	1.89	1.70	1.54	1.38
◆ 771-CBTL04082ABS518	CBTL04082ABS,518	HVQFN-42	3.0 to 3.6	1	2.7	6.0GHz	4	-40 to +85	1.41	1.28	1.21	1.15
◆ 771-CBTL04082BBS518	CBTL04082BBS,518	HVQFN-42	3.0 to 3.6	1	2.7	6.0GHz	4	-40 to +85	1.41	1.28	1.21	1.15
◆ 771-CBTL04083ABS518	CBTL04083ABS,518	HVQFN-42	3.0 to 3.6	----	2.7	8.3GHz	4	-40 to +85	2.94	2.66	2.40	2.15
◆ 771-CBTL04083BBS518	CBTL04083BBS,518	HVQFN-42	3.0 to 3.6	----	2.7	7.5GHz	4	-40 to +85	2.94	2.66	2.40	2.15
◆ 771-CBTL04DP211BS518	CBTL04DP211BS,518	HVQFN-32	3.0 to 3.6	----	0.5	2.0GHz	4	-40 to +85	1.36	1.23	1.16	1.11
◆ 771-CBTL06122AHF518	CBTL06122AHF,518	HWQFN-56R	3.0 to 3.6	10	0.2	2.5GHz	6	-10 to +85	1.40	1.25	1.12	1.00
◆ 771-CBTL06DP211EE118	CBTL06DP211EE,118	TFBGA-48	3.0 to 3.6	----	0.2	2.0GHz	4	-40 to +85	1.49	1.35	1.27	1.21
◆ 771-CBTL06DP212EE118	CBTL06DP212EE,118	TFBGA-48	3.0 to 3.6	----	2	5.0GHz	4	-40 to +85	3.68	2.85	2.39	2.02
◆ 771-CBTU04083BS518	CBTU04083BS,518	HVQFN-42	-0.5 to +2.5	----	4.0	4.1GHz	4	-40 to +85	2.79	2.25	2.02	1.80
◆ 771-CBTW28DD14ET118	CBTW28DD14ET,118	TFBGA-48	1.4 to 2.0	----	0.3	2.5GHz	1	-40 to +85	1.23	1.12	1.05	1.00
◆ 771-74CBTLV3861BQ118	74CBTLV3861BQ,118	HVQFN-24	2.3 to 3.6	----	100	----	----	-40 to 125	.40	.363	.342	.325