

# NXP SEMICONDUCTOR Analog ICs

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Analog ICs

## I<sup>2</sup>C BUS REPEATERS/HUBS/EXTENDERS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Inputs	Outputs	Vcc (Min./Max.) (V)	Description	Price Each			
							1	10	100	1000
◆ 771-PCA9509ADP,118	PCA9509ADP,118	TSSOP-8	1	1	0.8/5.5	Level translating I <sup>2</sup> C/SMB repeater	1.34	1.23	.948	.661
◆ 771-PCA9509AGM,125	PCA9509AGM,125	XQFN-8	1	1	0.8/5.5	Level translating I <sup>2</sup> C/SMB repeater	1.02	.84	.645	.45
◆ 771-PCA9616PW,118	PCA9616PW,118	TSSOP-16	1	1	0.8/5.5	3-Ch multipoint differential I <sup>2</sup> C-bus buffer	3.07	2.74	2.50	1.70
◆ 771-PCA9614DP,118	PCA9614DP,118	TSSOP-10	1	1	2.3/5.5	2-Ch multipoint differential I <sup>2</sup> C-bus buffer	3.01	2.47	1.98	1.42
◆ 771-PCA9615DPJ	PCA9615DPJ	TSSOP-10	1	1	2.3/5.5	2-Ch multipoint differential I <sup>2</sup> C-bus buffer	2.69	2.40	2.19	1.49
◆ 771-PCA9509D,118	PCA9509D,118	SO-8	1	1	2.7/5.5	Level translating I <sup>2</sup> C-bus/SMB repeater	1.34	1.23	.948	.661
◆ 771-PCA9509DP-T	PCA9509DP,118	TSSOP-8	1	1	2.7/5.5	Level translating I <sup>2</sup> C-bus/SMB repeater	1.34	1.23	.948	.661
◆ 771-PCA9511AD,118	PCA9511AD,118	SO-8	1	1	2.7/5.5	Hot swappable I <sup>2</sup> C-bus and SMBus bus buffer	2.37	1.95	1.56	1.13
◆ 771-PCA9511ADP-T	PCA9511ADP,118	TSSOP-8	1	1	2.7/5.5	Hot swappable I <sup>2</sup> C-bus and SMBus bus buffer	2.13	1.75	1.40	1.01
◆ 771-PCA9512AD,118	PCA9512AD,118	SO-8	1	1	2.7/5.5	Level shifting hot swappable I <sup>2</sup> C-bus and SMBus bus buffer	2.37	1.95	1.56	1.13
◆ 771-PCA9512ADP-T	PCA9512ADP,118	TSSOP-8	1	1	2.7/5.5	Level shifting hot swappable I <sup>2</sup> C-bus and SMBus bus buffer	2.37	1.95	1.56	1.13
◆ 771-PCA9514AD,118	PCA9514AD,118	SO-8	1	1	2.7/5.5	Hot swappable I <sup>2</sup> C-bus and SMBus bus buffer	2.37	1.95	1.56	1.13
◆ 771-PCA9515ADP-T	PCA9515ADP,118	TSSOP-8	1	1	3.0/3.6	I <sup>2</sup> C-bus repeater	1.14	1.05	.806	.562
◆ 771-PCA9515AD,118	PCA9515AD,118	SO-8	1	1	3.0/3.6	I <sup>2</sup> C-bus repeater	1.34	1.23	.948	.661
◆ 771-PCA9515D	PCA9515D,112	SO-8	1	1	3.0/3.6	I <sup>2</sup> C-bus repeater	1.34	1.23	.948	.661
◆ 771-PCA9515DP-T	PCA9515DP,118	TSSOP-8	1	1	3.0/3.6	I <sup>2</sup> C-bus repeater	1.34	1.23	.948	.661
◆ 771-PCA9517AD,118	PCA9517AD,118	SO-8	1	1	2.7/3.6	Level translating I <sup>2</sup> C-bus/SMB repeater	1.17	1.07	.828	.577
◆ 771-PCA9517ADP,118	PCA9517ADP,118	TSSOP-8	1	1	2.7/3.6	Level translating I <sup>2</sup> C-bus/SMB repeater	1.07	.919	.706	.492
◆ 771-PCA9617ADPJ	PCA9617ADPJ	TSSOP-8	1	1	2.2/5.5	Level translating I <sup>2</sup> C bus repeater	1.04	.894	.686	.479
◆ 771-PCA9516AD	PCA9516AD,112	SO-16	1	4	3.0/3.6	5-channel I <sup>2</sup> C bus hub	2.22	1.82	1.46	1.05
◆ 771-PCA9518PW,118	PCA9518PW,118	TSSOP-20	1	4	3.0/5.5	Expandable 5-channel I <sup>2</sup> C-bus hub	2.31	1.90	1.52	1.10
◆ 771-PCA9646PW,118	PCA9646PW,118	TSSOP-16	1	4	2.7/5.5	Buffered 4-channel 2-wire bus switch	6.18	5.85	4.81	3.49
◆ 771-PCA9629APWJ	PCA9629APWJ	TSSOP-16	1	4	4.5/5.5	Fm+I <sup>2</sup> C-bus stepper motor controller	2.13	1.75	1.40	1.01
◆ 771-PCAL6416AERJ	PCAL6416AERJ	UFPGA-24	1	16	1.65/5.5	16-bit I <sup>2</sup> C-bus/SMBus I/O expander	1.75	1.43	1.15	.834
◆ 771-PCA9509PGM,125	PCA9509PGM,125	XQFN-8	2	2	2.3/5.5	Level translating I <sup>2</sup> C-bus/SMB repeater	1.02	.84	.645	.45
◆ 771-PCA9629PW,118	PCA9629PW,118	TSSOP-16	4	4	4.5/5.5	Fm I <sup>2</sup> C-bus stepper motor controller	2.13	1.75	1.40	1.01

## I<sup>2</sup>C GENERAL PURPOSE I/O

◆ Surface Mount Device

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	Output Current per bit (mA)	Bus Speed	Number of Addresses	Operating Temperature (°C)	Price Each			
											1	10	100	1000
◆ 771-PCA9570GMH	PCA9570GMH	XQFN-8	No	Yes	1.1/3.6	4	25	400	2	-40 to +85	.59	.474	.306	.245
◆ 771-PCA6408ABSH	PCA6408ABSH	HVQFN-16	Yes	Yes	1.65/5.5	8	10	400	2	-40 to +85	1.28	1.18	.909	.634
◆ 771-PCA6408APW,118	PCA6408APW,118	TSSOP-16	Yes	Yes	1.65/5.5	8	10	400	2	-40 to +85	1.28	1.18	.909	.634
◆ 771-PCA9538ABSH	PCA9538ABSH	HVQFN-16	Yes	Yes	1.65/5.5	8	25	400	4	-40 to +85	1.28	1.18	.909	.634
◆ 771-PCA9538APWJ	PCA9538APWJ	TSSOP-16	Yes	Yes	1.65/5.5	8	25	400	4	-40 to +85	1.28	1.18	.909	.634
◆ 771-PCA9554BBSHP	PCA9554BBSHP	HVQFN-16	Yes	Yes	1.65/5.5	8	25	400	8	-40 to +85	1.28	1.18	.909	.634
◆ 771-PCA9554BPWJ	PCA9554BPWJ	TSSOP-16	Yes	Yes	1.65/5.5	8	25	400	8	-40 to +85	1.28	1.18	.909	.634
◆ 771-PCA9554BS3,118	PCA9554BS3,118	HVQFN-16	Yes	Yes	1.65/5.5	8	25	400	8	-40 to +85	1.42	1.31	1.00	.702
◆ 771-PCA9554CPWJ	PCA9554CPWJ	TSSOP-16	Yes	Yes	1.65/5.5	8	25	400	8	-40 to +85	1.28	1.18	.909	.634
◆ 771-PCAL6408ABSH	PCAL6408ABSH	HVQFN-16	Yes	Yes	1.65/5.5	8	25	400	2	-40 to +85	1.58	1.30	1.04	.754
◆ 771-PCAL6408AHKX	PCAL6408AHKX	XQFN-16	Yes	Yes	1.65/5.5	8	25	400	2	-40 to +85	1.58	1.30	1.04	.754
◆ 771-PCAL6408APWJ	PCAL6408APWJ	TSSOP-16	Yes	Yes	1.65/5.5	8	25	400	2	-40 to +85	1.58	1.30	1.04	.754
◆ 771-PCA6416AHF,128	PCA6416AHF,128	HWQFN-24	Yes	Yes	1.65/5.5	16	10	400	2	-40 to +85	1.75	1.43	1.15	.834
◆ 771-PCA6416APW,118	PCA6416APW,118	TSSOP-24	Yes	Yes	1.65/5.5	16	10	400	2	-40 to +85	1.75	1.43	1.15	.834
◆ 771-PCA9535AHF,128	PCA9535AHF,128	HWQFN-24	Yes	Yes	1.65/5.5	16	10	400	8	-40 to +85	1.75	1.43	1.15	.834
◆ 771-PCA9535APW,118	PCA9535APW,118	TSSOP-24	Yes	Yes	1.65/5.5	16	-	400	8	-40 to +85	1.75	1.43	1.15	.834
◆ 771-PCA9539AHF,128	PCA9539AHF,128	HWQFN-24	Yes	Yes	1.65/5.5	16	25	400	4	-40 to +85	1.75	1.43	1.15	.834
◆ 771-PCA9539APW,118	PCA9539APW,118	TSSOP-24	Yes	Yes	1.65/5.5	16	25	400	4	-40 to +85	1.75	1.43	1.15	.834
◆ 771-PCA9555AHF,128	PCA9555AHF,128	HWQFN-24	Yes	Yes	1.65/5.5	16	25	400	8	-40 to +85	1.75	1.43	1.15	.834
◆ 771-PCA9555APW,118	PCA9555APW,118	TSSOP-24	Yes	Yes	1.65/5.5	16	25	400	8	-40 to +85	1.75	1.43	1.15	.834
◆ 771-PCAL6416AEXX	PCAL6416AEXX	XFBGA-24	Yes	Yes	1.65/5.5	16	25	400	2	-40 to +85	1.75	1.43	1.15	.834
◆ 771-PCAL6416AHF,128	PCAL6416AHF,128	HWQFN-24	Yes	Yes	1.65/5.5	16	25	400	2	-40 to +85	1.58	1.30	1.04	.754
◆ 771-PCAL6416APW,118	PCAL6416APW,118	TSSOP-24	Yes	Yes	1.65/5.5	16	25	400	2	-40 to +85	1.75	1.43	1.15	.834
◆ 771-PCAL9535AHF,128	PCAL9535AHF,128	HWQFN-24	Yes	Yes	1.65/5.5	16	25	400	8	-40 to +85	2.16	1.77	1.42	1.02
◆ 771-PCAL9535APW,118	PCAL9535APW,118	TSSOP-24	Yes	Yes	1.65/5.5	16	25	400	8	-40 to +85	2.16	1.77	1.42	1.02
◆ 771-PCAL9539AHF,128	PCAL9539AHF,128	HWQFN-24	Yes	Yes	1.65/5.5	16	25	400	4	-40 to +85	2.16	1.77	1.42	1.02
◆ 771-PCAL9539APW,118	PCAL9539APW,118	TSSOP-24	Yes	Yes	1.65/5.5	16	25	400	4	-40 to +85	2.16	1.77	1.42	1.02
◆ 771-PCAL9555AHF,128	PCAL9555AHF,128	HWQFN-24	Yes	Yes	1.65/5.5	16	25	400	8	-40 to +85	2.16	1.77	1.42	1.02
◆ 771-PCAL9555APW,118	PCAL9555APW,118	TSSOP-24	Yes	Yes	1.65/5.5	16	25	400	8	-40 to +85	2.16	1.77	1.42	1.02
◆ 771-PCA9538PW/Q90011	PCA9538PW/Q9001,118	TSSOP-16	Yes	Yes	2.3/5.0	8	0.104	400	2	-40 to +85	1.72	1.41	1.13	.822
◆ 771-PCA9536DP-T	PCA9536DP,118	TSSOP-8	No	No	2.3/5.5	4	10	400	1	-40 to +85	1.11	.92	.706	.493
◆ 771-PCA9536D,118	PCA9536D,118	SO-8	No	No	2.3/5.5	4	10	400	1	-40 to +85	1.11	.92	.706	.493
◆ 771-PCA854AD,518	PCA8574AD,518	SO-16	No	No	2.3/5.5	8	0.1	400	8	-40 to +85	1.45	1.33	1.02	.715
◆ 771-PCA854APW,118	PCA8574APW,118	TSSOP-16	No	No	2.3/5.5	8	0.1	400	8	-40 to +85	1.45	1.33	1.02	.715
◆ 771-PCA854PW,118	PCA8574PW,118	TSSOP-16	No	No	2.3/5.5	8	0.1	400	8	-40 to +85	1.45	1.33	1.02	.715
◆ 771-PCA85TS112	PCA8574TS,112	SSOP-20	No	No	2.3/5.5	8	0.1	400	8	-40 to +85	1.45	1.33	1.02	.715
◆ 771-PCA9534BS,118	PCA9534BS,118	HVQFN-16	No	No	2.3/5.5	8	10	400	8	-40 to +85	1.42	1.31	1.00	.702
◆ 771-PCA9534D-T	PCA9534D,118	SO-16	No	No	2.3/5.5	8	10	400	8	-40 to +85	1.42	1.31	1.00	.702
◆ 771-PCA9534PW-T	PCA9534PW,118	TSSOP-16	No	No	2.3/5.5	8	10	400	8	-40 to +85	1.42	1.31	1.00	.702
◆ 771-PCA9538D-T	PCA9538D,118	SO-16	No	Yes	2.3/5.5	8	10	400	4	-40 to +85	1.42	1.31	1.00	.702
◆ 771-PCA9538PW-T	PCA9538PW,118	TSSOP-16	No	Yes	2.3/5.5	8	10	400	4	-40 to +85	1.42	1.31	1.00	.702
◆ 771-PCA9554ABS-T	PCA9554ABS,118	HVQFN-16	No	No	2.3/5.5	8	10	400	8	-40 to +85	1.42	1.31	1.00	.702
◆ 771-PCA9554ADB-T	PCA9554ADB,118	SSOP-16	No	No	2.3/5.5	8	10	400	8	-40 to +85	1.42	1.31	1.00	.702
◆ 771-PCA9554AD-T	PCA9554AD,118	SO-16	No	No	2.3/5.5	8	10	400	8	-40 to +85	1.42	1.31	1.00	.702
◆ 771-PCA9554APW	PCA9554APW,112	TSSOP-16	No	No	2.3/5.5	8	10	400	8	-40 to +85	1.42	1.31	1.00	.702
◆ 771-PCA9554DB-T	PCA9554DB,118	SSOP-16	No	No	2.3/5.5	8	10	400	8	-40 to +85	1.42	1.31	1.00	.702
◆ 771-PCA9554D-T	PCA9554D,118	SO-16	No	No	2.3/5.5	8	10	400	8	-40 to +85	1.42	1.31	1.00	.702</