

# NXP SEMICONDUCTOR Analog ICs



This product is RoHS compliant.



Analog ICs

## ANALOG-TO-DIGITAL CONVERTER (ADC)

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Res. (bits)	No. of Input Chan.	Architecture	INL (Typ) (±LSB)	DNL (Typ) (±LSB)	Sample Rate	Power Consumption (Typ)(mW)	Input Bandwidth (MHz)	Price Each			
											1	25	100	250
◆ 771-ADC1112D125HNC15	ADC1112D125HN/C1,5	HVQFN-56	11	2	Pipeline	0.12	0.06	125	1230	600	27.75	25.50	23.62	21.75

NXP Semiconductor

## ANALOG SWITCHES

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Normal Position	R <sub>ON</sub> (Typ) (Ω)	I <sub>S</sub> (OFF) (nA)(Max)	t <sub>en</sub> (ns) (Max)	t <sub>dis</sub> (ns) (Max)	Supply Voltage (Min/Max)	Supply Current (Max)(nA)	Price Each			
										1	25	100	250
<b>1 x SPST</b>													
◆ 771-NX3L1G384GW125	NX3L1G384GW,125	TSSOP-5	NC	0.75	5	41	17	1.4/4.3	100	.14	.132	.124	.118
◆ 771-NX3L1T384GM115	NX3L1T384GM,115	XSON-6	NC	0.75	5	90	45	1.4/4.3	100	.21	.198	.186	.177
◆ 771-NX3L1G666GW125	NX3L1G666GW,125	TSSOP-5	NO	0.75	5	41	18	1.4/4.3	100	.14	.132	.124	.118
◆ 771-NX3L1T666GM115	NX3L1T666GM,115	XSON-6	NO	0.75	5	41	18	1.4/4.3	100	.21	.198	.186	.177
◆ 771-NX3V1G384GM115	NX3V1G384GM,115	XSON-6	NC	0.45	5	43	23	1.4/4.3	100	.26	.239	.225	.214
◆ 771-NX3V1G384GW125	NX3V1G384GW,125	TSSOP-5	NC	0.45	5	43	23	1.4/4.3	100	.40	.35	.30	.26
◆ 771-NX3V1T384GM115	NX3V1T384GM,115	XSON-6	NC	0.45	5	90	45	1.4/4.3	100	.26	.239	.225	.214
◆ 771-NX3V1T666GW125	NX3V1T666GW,125	TSSOP-5	NO	0.45	5	49	70	1.4/4.3	100	.26	.239	.225	.214
<b>2 x SPST</b>													
◆ 771-NX3L2G384GD125	NX3L2G384GD,125	XSON-8U	NC	0.75	5	41	17	1.4/4.3	100	.18	.165	.155	.148
◆ 771-NX3L2G384GT115	NX3L2G384GT,115	XSON-8	NC	0.75	5	41	17	1.4/4.3	100	.21	.198	.186	.177
◆ 771-NX3L2G666GD125	NX3L2G666GD,125	XSON-8U	NO	0.75	5	41	18	1.4/4.3	100	.25	.231	.218	.207
◆ 771-NX3L2T384GD125	NX3L2T384GD,125	XSON-8U	NC	0.75	5	90	45	1.4/4.3	100	.24	.223	.21	.199
◆ 771-NX3L2T384GM125	NX3L2T384GM,125	XQFN-8U	NC	0.75	5	90	45	1.4/4.3	100	.27	.247	.233	.222
◆ 771-NX3L2T384GT115	NX3L2T384GT,115	XSON-8	NC	0.75	5	90	45	1.4/4.3	100	.27	.247	.233	.222
◆ 771-NX3L2T666GD125	NX3L2T666GD,125	XSON-8U	NO	0.75	5	49	70	1.4/4.3	100	.24	.223	.21	.199
<b>1 x SPDT</b>													
◆ 771-NX3L1G3157GW125	NX3L1G3157GW,125	TSSOP-6	----	0.75	5	43	20	1.4/4.3	100	.21	.198	.186	.177
◆ 771-NX3L1T5157GM132	NX3L1T5157GM,132	XSON-6	----	0.75	5	90	70	1.4/4.3	100	.26	.239	.225	.214
◆ 771-NX3L1G53GD125	NX3L1G53GD,125	XSON-8U	----	0.75	5	42	19	1.4/4.3	100	.21	.198	.186	.177
◆ 771-NX3L1T53GD125	NX3L1T53GD,125	XSON-8U	----	0.75	5	90	70	1.4/4.3	100	.18	.165	.155	.148
◆ 771-NX3L1T53GM125	NX3L1T53GM,125	XQFN-8U	----	0.75	5	90	70	1.4/4.3	100	.21	.198	.186	.177
◆ 771-NX3L1T53GT115	NX3L1T53GT,115	XSON-8U	----	0.75	5	90	70	1.4/4.3	100	.21	.198	.186	.177
<b>3 x SPDT</b>													
◆ 771-NX3L4053HR115	NX3L4053HR,115	HXQFN-16U	----	0.8	5	90	70	1.4/4.3	100	.36	.33	.311	.296
<b>1 x SP3T</b>													
◆ 771-NX3L4357GM132	NX3L4357GM,132	XQFN-10	----	0.75	5	100	80	1.4/4.3	100	.27	.247	.233	.222
<b>1 x SP8T</b>													
◆ 771-NX3L4051HR115	NX3L4051HR,115	HXQFN-16U	----	0.75	5	100	80	1.4/4.3	100	.61	.53	.462	.399
<b>2 x DPDT</b>													
◆ 771-NX3DV3899GU115	NX3DV3899GU,115	XQFN-16	----	3.3	5	90	70	1.4/4.3	100	.43	.396	.373	.355
◆ 771-NX3L2467GU115	NX3L2467GU,115	XQFN-16	----	0.75	5	40	20	1.4/4.3	100	.29	.264	.249	.236
◆ 771-NX3L2467HR115	NX3L2467HR,115	HXQFN-16U	----	0.75	5	40	20	1.4/4.3	100	.27	.247	.233	.222
<b>1 x 4PDT</b>													
◆ 771-NX3DV2567GU115	NX3DV2567GU,115	XQFN-16	----	0.7	5	40	20	1.4/4.3	100	.52	.479	.451	.429
◆ 771-NX5DV330BQ115	NX5DV330BQ,115	DHVQFN-16	----	7	1	-----	-----	4.0/5.5	3000	.22	.206	.194	.185

## DIGITAL-TO-ANALOG CONVERTER (DAC)

◆ Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Res. (bits)	DAC Chann	Setting Time	Filters	Analog Supply Voltage	Sampling Frequency (MSPS)	Power Consumption (Typ)(mW)	Price Each			
										1	25	100	250
◆ 771-DAC1405D750WC15	DAC1405D750HW/C1,5	HTQFP-100	14	2	20	Selectable 4x or 8x	3.0-3.6	750	750	60.04	52.98	50.33	49.44

## AUDIO DIGITAL-TO-ANALOG CONVERTERS (DAC)

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Number of DACs	Res. (bits)	SNR (Typ) (dB)	Sampling Rate (Max) (kHz)	# Inputs/ # Outputs	Digital Audio Interface	Control Interface	Analog Supply (Max)(V)	Price Each			
											1	25	100	250
◆ 771-UDA1330ATSDK-T	UDA1330ATS/N2,118	SSOP-16	1	20	100	55	0/2	----	L3 Micro	6	1.79	1.43	1.08	1.00
◆ 771-UDA1334ATSDH-T	UDA1334ATS/N2,118	SSOP-16	2	24	100	100	0/2	----	Serial	3.6	1.03	.84	.644	.62
◆ 771-UDA1334ATSN2112	UDA1334ATS/N2,112	SSOP-16	2	24	100	100	0/2	----	Serial	3.6	1.40	1.25	1.11	.978
◆ 771-UDA1334BTSDBH	UDA1334BTS/N2,112	SSOP-16	2	24	100	100	0/2	----	Serial	3.6	1.30	1.03	.907	.796
◆ 771-UDA1361TSDK	UDA1361TS/N1,112	SSOP-16	2	24	100	96	2/0	----	Serial	3.6	2.34	2.00	1.80	1.60

## ADC AND DAC, INTEGRATED, MULTICHANNEL

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	Number of ADCs	ADC Res.	ADC Sampling Rate	# of DACs	DAC Res.	DAC Settling Time	Supply Voltage (Min/Max)	Operating Temperature (°C)	Price Each			
											1	25	100	250
◆ 771-PCF8591PN	PCF8591P,112	DIP-16	1	8	11.1 kHz	1	8	90µs	2.5/6.0	-40 to +85	4.96	3.98	3.62	3.27
◆ 771-PCF8591TD	PCF8591T/2,512	SO-16	1	8	11.1 kHz	1	8	90µs	2.5/6.0	-40 to +85	2.36	2.14	2.02	1.92
◆ 771-PCF8591TD-T	PCF8591T/2,518	SO-16	1	8	11.1 kHz	1	8	90µs	2.5/6.0	-40 to +85	2.36	2.14	2.02	1.92