

ON SEMICONDUCTOR Analog ICs

RoHS Compliant This product is RoHS compliant.

ON Semiconductor®

ON

ON SEMICONDUCTOR MULTIPLEXERS

MOUSER STOCK NO.	ON Semi Part No.	Package Type	No. of Elements	Channels	VCC Max.	ron Max. (Ω)	I _{kg} Max. (μA)	Price Each		
								1	25	100
863-MC74HC4051ANG	MC74HC4051ANG	PDIP-16	1	8	6	190	0.2	.72	.55	.423
863-MC74HC4053ADG	MC74HC4053ADG	SOIC-16	3	2	6	190	0.1	.68	.50	.371
863-MC74HC4066ADG	MC74HC4066ADG	SOIC-14	4	1	12	120	0.1	.43	.317	.235
863-MC14051BCPG	MC14051BCPG	PDIP-16	1	8	18	500	0.1	.73	.611	.431
863-MC14051BDG	MC14051BDG	SOIC-16	1	8	18	500	0.1	.45	.375	.265
863-MC14051BDTR2G	MC14051BDTR2G	TSSOP-16	1	8	18	500	0.1	.53	.446	.314
863-MC14052BCPG	MC14052BCPG	PDIP-16	2	4	18	500	0.1	.74	.619	.437
863-MC14052BDG	MC14052BDG	SOIC-16	2	4	18	500	0.1	.43	.35	.326
863-MC14066BDG	MC14066BDG	SOIC-14	4	1	18	500	0.1	.36	.324	.227
863-MC14551BCPG	MC14551BCPG	PDIP-16	4	2	18	500	0.1	1.75	1.49	1.09
863-MC14551BDG	MC14551BDG	SOIC-16	4	2	18	500	0.1	1.58	1.34	.973

ON SEMICONDUCTOR ANALOG SWITCHES

MOUSER STOCK NO.	ON Semi Part No.	Package Type	Switch Configuration	VCC Max.	ron Max. (Ω)	Time On/Off (ns)	Price Each		
							1	25	100
863-MC14016BCPG	MC14016BCPG	PDIP-14	SPST	18	660	45/90	.50	.42	.297
863-NLAS52231MUR2G	NLAS52231MUR2G	UQFN	SPDT	4.5	0.46	50/30	.92	.90	.854
863-NLAS5123MNR2G	NLAS5123MNR2G	WDFN-6	SPDT	5.5	1	30/20	1.18	.92	.836
863-NLAS5123MUR2G	NLAS5123MUR2G	UDFN-6	SPDT	5.5	1	30/20	1.17	1.04	.922
863-NLAS7222AMTR2G	NLAS7222AMTR2G	WQFN-10	DPDT	3.6	9	13/12	1.30	1.00	.864
863-NLAS7222BMUTBG	NLAS7222BMUTBG	UQFN	DPDT	4.5	9	14/10	.87	.85	.827
863-NLAS7222CMUTBG	NLAS7222CMUTBG	UQFN	DPDT	4.5	9	14/10	1.30	1.00	.864
863-NLAS7242MUTBG	NLAS7242MUTBG	UQFN	DPDT	4.5	10	13/12	1.03	.90	.78
863-NS5S1153MUTAG	NS5S1153MUTAG	UQFN	DPDT	5	5.5	14/75μs	1.10	1.04	.99
863-NLAS8252MUTAG	NLAS8252MUTAG	UQFN	DP3T	4.5	4.5	30/25	.84	.663	.596

ON SEMICONDUCTOR SMARTCARD AND SIM INTERFACE

MOUSER STOCK NO.	ON Semi Part No.	Package Type	VCC Max.	IT Typ. (mA)	II (stand by) Max.	fClock Max. (MHz)	Type	Price Each		
								1	25	100
863-NCN8025AMNTXG	NCN8025AMNTXG	QFN-24	5	3	-	27	Interface	.90	.864	.833

ON SEMICONDUCTOR MOTOR CONTROL INTERFACES

MOUSER STOCK NO.	ON Semi Part No.	Package Type	VCC Max.	PD Max. (W)	IO Max. (A)	Type	Price Each		
							1	25	100
863-AMIS30532C5321G	AMIS30532C5321G	NQFP-32	30	-	3.015	Stepper	8.11	6.73	5.50
863-NCV7708BDWR2G	NCV7708BDWR2G	SOIC-28W	5.5	-	0.5	Double Hex	3.30	3.21	3.05
863-MC33039DG	MC33039DG	SOIC-8	9	0.65	0.02	Brushless DC	1.53	1.31	.973
863-TDA1085CG	TDA1085CG	PDIP-16	16	1	0.2	Triac Control	2.01	1.73	1.26
863-MC33035DWG	MC33035DWG	SOIC-24W	30	0.65	0.1	Brushless DC	4.18	3.53	2.66

LOAD/RELAY DRIVERS

MOUSER STOCK NO.	ON Semi Part No.	Package Type	V (BR) (V)		IR Max. (μA)	VIO Max. (V)	IO Max. (a)	Price Each		
			Min.	Max.				1	25	100
863-NUD3105DMT1G	NUD3105DMT1G	SC-74	6	-	15	0.45	-	.59	.493	.348
863-NUD3105LT1G	NUD3105LT1G	SOT-23	6	-	15	0.45	-	.50	.423	.298
863-MDC3105DMT1G	MDC3105DMT1G	SC-74	6.2	-	50	0.4	-	.59	.493	.348
863-MDC3105LT1G	MDC3105LT1G	SOT-23	6.2	-	50	0.4	-	.50	.423	.298
863-NUD3112DMT1G	NUD3112DMT1G	SC-74	14	-	15	-	0.5	.59	.493	.348
863-NUD3112LT1G	NUD3112LT1G	SOT-23	14	-	15	-	0.5	.50	.423	.298
863-NUD3124DMT1G	NUD3124DMT1G	SC-74	28	-	50	-	0.25	.55	.385	.285
863-NUD3124LT1G	NUD3124LT1G	SOT-23	28	-	50	-	0.25	.50	.423	.298
863-NUD3160DMT1G	NUD3160DMT1G	SC-74	61	-	50	-	0.15	.59	.493	.348
863-NUD3160LT1G	NUD3160LT1G	SOT-23	61	-	50	-	0.15	.50	.423	.298

ON SEMICONDUCTOR AUDIO AMPLIFIERS

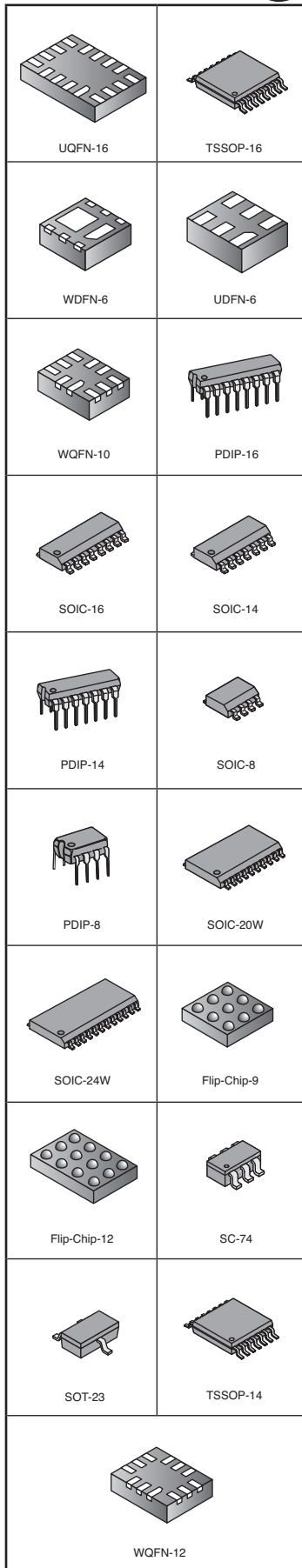
MOUSER STOCK NO.	ON Semi Part No.	Package Type	Output Power (W)	Class	ISD Typ. (nA)	IQ Typ. (mA)	tON Typ. (ms)	Price Each			
								1	25	100	250
863-NCP2811ADTBR2G	NCP2811ADTBR2G	TSSOP-14	0.11	AB	10	6	1	.60	.54	.48	.42
863-NCP2811AMTXXG	NCP2811AMTXXG	WQFN-12	0.11	AB	10	6	1	.56	.50	.448	.392
863-NCP2811BDTBR2G	NCP2811BDTBR2G	TSSOP-14	0.11	AB	10	6	1	.60	.54	.48	.42
863-NCP2811BMTXXG	NCP2811BMTXXG	WQFN-12	0.11	AB	10	6	1	1.02	.91	.81	.705
863-NCP2811BFCT1G	NCP2811BFCT1G	Flip-Chip-12	0.11	AB	10	6	1	1.01	.912	.807	.702
863-NCP2824FCT2G	NCP2824FCT2G	Flip-Chip-9	1.2	D	10	2.2	7.4	.85	.762	.675	.587

ON SEMICONDUCTOR VIDEO AMPLIFIERS

MOUSER STOCK NO.	ON Semi Part No.	Package Type	Channel	Gain (dB)	Filter Type	Bandwidth (MHz)	Operating Voltage Max. (V)	Price Each		
								1	25	100
863-NCS2561SQT1G	NCS2561SQT1G	SC-88	1	6	2-pole Reconstruction	30	3.3	.28	.26	.258
863-NCS2563DR2G	NCS2563DR2G	SOIC-8N	3	6	6th order Butterworth	8	5.5	.48	.46	.441
863-NCS2553DR2G	NCS2553DR2G	SOIC-8N	3	6	6th order Butterworth	8	5	.31	.27	.261

ON SEMICONDUCTOR VOLTAGE COMPARATORS

MOUSER STOCK NO.	ON Semi Part No.	Package Type	VCC Max. (V)	TA (°C)		Channels	IO Typ. (mA)	ICC Typ. (mA)	VIO Max. (mV)	Price Each		
				Max.	Min.					1	25	100
863-LMV331SN3T1G	LMV331SN3T1G	TSOP-5	5	150	-65	1	23	40	9	.69	.67	.643
863-LMV393DMR2G	LMV393DMR2G	Micro8	5	150	-65	2	23	70	9	.80	.49	.469
863-MC3302PG	MC3302PG	PDIP-14	30	85	-40	4	16	1	20	.69	.578	.408
863-LM2901DG	LM2901DG	SOIC-14	36	105	-40	4	16	1	7	.32	.29	.20
863-LM2901DR2G	LM2901DR2G	SOIC-14	36	105	-40	4	16	1	7	.32	.29	.215
863-LM2901NG	LM2901NG	PDIP-14	36	105	-40	4	16	1	7	.46	.392	.277
863-LM2903DR2G	LM2903DR2G	SOIC-8	36	105	-40	2	16	0.7	7	.14	.125	.121
863-LM311DR2G	LM311DR2G	SOIC-8	36	70	0	1	8	2.4	7.5	.61	.43	.318
863-LM339DR2G	LM339DR2G	SOIC-14	36	70	0	4	16	1	5	.30	.27	.205
863-LM339NG	LM339NG	PDIP-14	36	70	0	4	16	1	5	.47	.392	.277
863-LM311DR2G	LM2903DG	SOIC-8	36	105	-40	2	16	0.7	7	.61	.43	.318
863-LM2903NG	LM2903NG	PDIP-8	36	105	-40	2	16	0.7	7	.37	.334	.234
863-LM393DG	LM393DG	SOIC-8	36	70	0	2	16	0.7	5	.28	.25	.174
863-LM393DR2G	LM393DR2G	SOIC-8	36	70	0	2	16	0.7	5	.28	.25	.188
863-LM393NG	LM393NG	PDIP-8	36	70	0	2	16	0.7	5	.41	.334	.234
863-NE521NG	NE521NG	PDIP-14	±7	70	0	2	-	27	7.5	4.24	3.40	3.10



Analog ICs

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