

# ON SEMICONDUCTOR Amplifiers

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ON Semiconductor®



Amplifier ICs

ON Semiconductor

## OPERATIONAL AMPLIFIERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semi Part No.	Package Type	No. of Chan-nels	Supply Voltage		Output Current		Standby Current (mA) (Typ.)	GBW (Typ.) (MHz)	SR Typ. (V/μS)	Input-Offset Voltage (mV) (Max.)	Price Each			
				Min. (V)	Max. (V)	Min. (mA)	Typ. (mA)					1	10	100	1000
<b>General Purpose</b>															
863-LMV321SN3T1G	LMV321SN3T1G	TSOP-5	1	2.7	5	10	160	0.22	1	1	9	.47	.395	.24	.186
863-TLV271SN2T1G	TLV271SN2T1G	TSOP-5	1	2.7	16	5	13	0.56	3	2.6	5	1.31	1.12	.86	.60
863-LM301ADG	LM301ADG	SOIC-14	1	3	18	-	-	1.2	1	0.5	7.5	.56	.467	.285	.22
863-MC33071ADG	MC33071ADG	SOIC-8	1	3	44	10	30	1.9	4.5	10	5	1.06	.908	.698	.487
863-LM258DG	LM258DG	SOIC-8	2	3	32	20	40	1.5	1	0.6	5	.38	.291	.157	.118
863-LM258NG	LM258NG	PDIP-8	2	3	32	20	40	1.5	1	0.6	5	.46	.388	.237	.183
863-LM2904DG	LM2904DG	SOIC-8	2	3	32	20	40	1.5	1	0.6	7	.39	.301	.163	.122
863-LM2904NG	LM2904NG	PDIP-8	2	3	32	20	40	1.5	1	0.6	7	.44	.328	.206	.155
863-LM358DG	LM358DG	SOIC-8	2	3	32	20	40	1.5	1	0.6	7	.44	.313	.144	.11
863-LM358NG	LM358NG	PDIP-8	2	3	32	20	40	1.5	1	0.6	7	.46	.343	.215	.161
863-MC33072ADG	MC33072ADG	SOIC-8	2	3	44	10	30	3.8	4.5	10	3	1.05	.902	.693	.483
863-MC33072APG	MC33072APG	PDIP-8	2	3	44	10	30	3.8	4.5	10	3	1.05	.896	.688	.48
863-MC33072DG	MC33072DG	SOIC-8	2	3	44	10	30	3.8	4.5	10	5	.84	.706	.455	.364
863-MC33072PG	MC33072PG	PDIP-8	2	3	44	10	30	3.8	4.5	10	5	1.01	.868	.667	.465
863-MC34072APG	MC34072APG	PDIP-8	2	3	44	10	30	3.8	4.5	10	5	1.06	.91	.699	.487
863-MC34072DG	MC34072DG	SOIC-8	2	3	44	10	30	3.8	4.5	10	5	.95	.812	.624	.435
863-MC34072PG	MC34072PG	PDIP-8	2	3	44	10	30	3.8	4.5	10	5	.98	.84	.645	.45
863-LM833NG	LM833NG	PDIP-8	2	5	18	-	29	7	15	7	5	.60	.471	.304	.243
863-LM224NG	LM224NG	PDIP-14	4	3	32	20	40	1.4	1	0.6	5	.55	.457	.278	.215
863-LM2902DG	LM2902DG	SOIC-14	4	3	32	20	40	1.4	1	0.6	7	.41	.316	.171	.128
863-LM2902NG	LM2902NG	PDIP-14	4	3	32	20	40	1.4	1	0.6	7	.53	.447	.272	.21
863-LM324ADG	LM324ADG	SOIC-14	4	3	32	20	40	1.4	1	0.6	3	.50	.382	.207	.155
863-LM324DG	LM324DG	SOIC-14	4	3	32	20	40	1.4	1	0.6	7	.38	.291	.157	.118
863-LM324NG	LM324NG	PDIP-14	4	3	32	20	40	1.4	1	0.6	7	.58	.434	.273	.204
863-MC33074ADG	MC33074ADG	SOIC-14	4	3	44	10	30	7.6	4.5	10	3	.94	.805	.618	.431
863-MC33074APG	MC33074APG	PDIP-14	4	3	44	10	30	7.6	4.5	10	3	1.28	1.09	.839	.585
863-MC33074DG	MC33074DG	SOIC-14	4	3	44	10	30	7.6	4.5	10	5	1.44	1.23	.946	.66
863-MC33074PG	MC33074PG	PDIP-14	4	3	44	10	30	7.6	4.5	10	5	1.53	1.23	.946	.66
863-MC34074ADG	MC34074ADG	SOIC-14	4	3	44	10	30	7.6	4.5	10	3	1.31	1.12	.86	.60
863-MC34074APG	MC34074APG	PDIP-14	4	3	44	10	30	7.6	4.5	10	3	1.38	1.18	.907	.633
863-MC34074DG	MC34074DG	SOIC-14	4	3	44	10	30	7.6	4.5	10	3	1.51	1.29	.996	.695
863-MC34074PG	MC34074PG	PDIP-14	4	3	44	10	30	7.6	4.5	10	5	1.50	1.20	.925	.645
863-MC34074VPG	MC34074VPG	PDIP-14	4	3	44	10	30	7.6	4.5	10	5	1.47	1.26	.968	.675
<b>Low Power</b>															
863-NCS333SQ3T2G	NCS333SQ3T2G	SC-70-5	1	1.8	5.5	-	6	-	0.35	0.1	1	1.55	1.25	1.00	.725
863-NCS333SN2T1G	NCS333SN2T1G	SOT-23-5	1	1.8	5.5	-	6	-	0.35	0.1	0.0035	1.47	1.25	1.00	.725
863-NCS325SN2T1G	NCS325SN2T1G	TSOP-5	1	1.8	5.5	-	5	-	0.35	0.1	0.0014	1.14	.98	.753	.525
863-MC33171DG	MC33171DG	SOIC-8	1	3	44	3	5	0.22	1.8	2.1	4.5	1.12	.959	.736	.514
863-NCV952DTBR2G	NCV952DTBR2G	TSSOP-8	2	2.7	12	-	10	-	3.6	1	-	1.22	.98	.753	.525
863-MC33172DG	MC33172DG	SOIC-8	2	3	44	-	5	440	1.8	2.1	4500	.90	.725	.556	.388
863-MC33178DG	MC33178DG	SOIC-8	2	4	36	50	80	0.9	5	2	3	.90	.725	.556	.388
863-MC33174DG	MC33174DG	SOIC-14	4	3	44	3	5	0.88	1.8	2.1	4.5	1.30	1.11	.855	.596
<b>Low Noise</b>															
863-SA5534ADG	SA5534ADG	SOIC-8	1	3	20	-	38	8	10	13	4	1.73	1.47	1.18	.857
863-NCV2003SN2T1G	NCV2003SN2T1G	SOT-553-5	1	1.7	5.5	50	96	-	7	7	0.5	1.37	1.17	.903	.63
863-NCS2003XV53T2G	NCS2003XV53T2G	SOT-553-5	1	1.7	5.5	50	96	-	7	7	0.5	1.31	1.12	.86	.60
863-SA5534NG	SA5534NG	PDIP-8	1	3	20	-	38	8	10	13	4	1.50	1.27	1.02	.739
863-NE5532DG	NE5532DG	SOIC-16W	2	3	20	10	38	8	10	9	4	1.46	1.24	.959	.669
863-MC33178DG	MC33178DG	SOIC-8	2	4	36	50	80	0.9	5	2	3	.90	.725	.556	.388
863-MC33078DG	MC33078DG	SOIC-8	2	5	18	15	29	4.1	16	7	2	.82	.702	.539	.376
863-MC33078PG	MC33078PG	PDIP-8	2	5	18	15	29	4.1	16	7	2	1.29	1.03	.796	.555
863-MC33274ADG	MC33274ADG	SOIC-14	4	3	36	25	37	8.6	24	10	1	1.82	1.55	1.24	.899
863-MC33079DG	MC33079DG	SOIC-14	4	5	18	15	29	8.4	16	7	2	.92	.713	.46	.368
863-MC33079PG	MC33079PG	PDIP-14	4	5	18	15	29	8.4	16	7	2	1.43	1.14	.882	.615
<b>Low Voltage</b>															
863-NCS2003SN2T1G	NCS2003SN2T1G	SOT23-5	1	1.7	5.5	-	-	0.23	5	9	0.5	1.46	1.17	.903	.63
863-MC33201DG	MC33201DG	SOIC-8	1	1.8	12	50	80	0.9	2.2	1	6	1.45	1.24	.952	.664
863-NE5230DG	NE5230DG	SOIC-8	1	1.8	15	4	6	0.11	0.25	0.09	0.4	1.67	1.34	1.03	.72
863-LMV932DMR2G	LMV932DMR2G	Micro-8	2	1.8	5	4	30	0.35	1.4	-	7.5	.91	.76	.491	.392
863-LMV932DR2G	LMV932DR2G	SOIC-8	2	1.8	5	4	30	0.35	1.4	-	1	.88	.682	.44	.352
863-MC33202DG	MC33202DG	SOIC-8	2	1.8	12	50	80	1.8	2	1	8	.97	.782	.601	.419
863-MC33204DG	MC33204DG	SOIC-14	4	1.8	12	50	80	3.6	2.2	1	10	1.67	1.34	1.03	.721
<b>High Current</b>															
863-TCA0372DP1G	TCA0372DP1G	PDIP-8	2	5	40	-	1000	5	1.4	1.4	15	1.16	.934	.717	.50
863-TCA0372DWR2G	TCA0372DWR2G	SOIC-16W	2	5	40	-	1000	5	1.4	1.4	15	1.12	.901	.692	.483

## DIGITAL AUDIO RECEIVER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semi Part No.	Package	Channels	Supply Voltage (Max.) (V)	No. of Receivers	Interface Type	Supply Current (mA)	Operating Temperature (°C)	Price Each			
									1	10	100	1000
863-LC89091JA-H	LC89091JA-H	SSOP-16	1	3.3	1	I2C	20	-30 to 70	1.85	1.57	1.26	.913

## AUDIO AMPLIFIERS

For quantities greater than listed, call for quote.

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	10	100	1000
863-NCP2811ADTBR2G	NCP2811ADTBR2G	TSSOP-14	0.11	AB	10	6	1	.95	.812	.624	.435
863-NCP2811BDTBR2G	NCP2811BDTBR2G	TSSOP-14	0.11	AB	10	6	1	1.01	.812	.624	.435
863-NCS2632DTBR2G	NCS2632DTBR2G	TSSOP-14	-	AB	60	21	3	.70	.546	.352	.282

## VIDEO AMPLIFIERS

For quantities greater than listed, call for quote.

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	10	100	1000
863-NCS2561SQT1G	NCS2561SQT1G	SC-88	1	6	3.3	8	2-pole Reconstruction	.67	.505	.318	.238
863-NCS2553DR2G	NCS2553DR2G	SOIC-8N	3	6	5	8	6th order Butterworth	.56	.469	.286	.221
863-NCS2563DR2G	NCS2563DR2G	SOIC-8N	3	6	5.5	30	6th order Butterworth	.67	.558	.36	.288

## COMPANDORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semi Part No.	Package Type	I <sub>CC</sub> (Max.) (mA)	V <sub>CC</sub> (Max.) (V)	THD (Typ.) (%)	E <sub>n</sub> (Typ.) (μV)	V
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