

NATIONAL PRODUCTS Amplifiers

National Products
from Texas Instruments

RoHS Compliant This product is RoHS compliant.

PRODUCT **NEW**

VOLTAGE COMPARATORS (CONT.)

MOUSER STOCK NO.	National Products Part No.	Package Style	No. of Channels	Total Supply Voltage (Min./Max.) (+5V=5, ±5V=10)	Supply Current Per Channel (Max.) (mA)	Output Current (Min.) (mA)	Response Time Rate (μs)	V _{OS} (25°C) (Max.) (mV)	Price Each		
									1	25	100
Low Power, Rail-to-Rail, Open Drain (Cont.)											
926-LMC7221BIM/NOPB	LMC7221BIM/NOPB	SOIC-8	1	2.7/15	0.007	45	4	15	1.55	1.25	1.12
926-LMC7221BIM5/NOPB	LMC7221BIM5/NOPB	SOT-23-5	1	2.7/15	0.007	45	4	15	1.75	1.35	1.22
Low Power, Rail-to-Rail, Push-Pull											
926-LMV7271MF/NOPB	LMV7271MF/NOPB	SOT-23-5	1	1.8/5.5	0.009	34	0.88	4	1.52	1.20	1.08
926-LMV7271MG/NOPB	LMV7271MG/NOPB	SC-70-5	1	1.8/5.5	0.009	34	0.88	4	1.52	1.20	1.08
926-LMV7271MFX/NOPB	LMV7271MFX/NOPB	SOT-23	1	1.8/5.5	0.014	3.5	-	6	1.52	1.20	1.08
926-LMV7219M5	LMV7219M5	SOT-23	1	2.7/5	1.8	20	3	8	2.75	2.22	1.99
926-LMV7239M7X/NOPB	LMV7239M7X/NOPB	SC-70	1	2.7/5.5	0.095	20	3	8	2.05	1.67	1.50
926-LMC7211AIM5	LMC7211AIM5	SOT-23	1	2.7/15	0.014	5	4	18	1.93	1.48	1.34
926-LMC7211AIM/NOPB	LMC7211AIM/NOPB	SOIC-8	1	2.7/15	0.007	30	4	5	1.71	1.37	1.23
926-LMC7211AIM5/NOPB	LMC7211AIM5/NOPB	SOT-23-5	1	2.7/15	0.007	30	4	5	1.93	1.48	1.34
926-LMC7211BIM/NOPB	LMC7211BIM/NOPB	SOIC-8	1	2.7/15	0.007	30	4	15	1.47	1.17	1.02
926-LMC7211BIM5/NOPB	LMC7211BIM5/NOPB	SOT-23-5	1	2.7/15	0.007	30	4	15	1.60	1.26	1.13
MicroPower, Rail-to-Rail, Open Drain											
926-LMC7225IM5/NOPB	LMC7225IM5/NOPB	SOT-23-5	1	2/8	0.007	30	4	6	1.86	1.47	1.32
926-LMC6772AIMMX/NOPB	LMC6772AIMMX/NOPB	MSOP-8	2	2.7/15	0.02	50	4	5	2.29	1.83	1.24
926-LMC7221BIMX/NOPB	LMC7221BIMX/NOPB	SOIC-8	1	2.7/15	0.014	5	4	18	1.75	1.35	1.22
926-LMC6772AIM/NOPB	LMC6772AIM/NOPB	SOIC-8	2	2.7/15	0.006	45	4	5	2.86	2.29	2.09
926-LMC6772AIMM/NOPB	LMC6772AIMM/NOPB	MiniSOIC-8	2	2.7/15	0.006	45	4	5	3.06	2.49	2.24
926-LMC6772BIM/NOPB	LMC6772BIM/NOPB	SOIC-8	2	2.7/15	0.006	45	4	15	2.60	2.10	1.89
926-LMC6772BIN/NOPB	LMC6772BIN/NOPB	DIP-8	2	2.7/15	0.006	45	4	15	2.60	2.10	1.89
MicroPower, Rail-to-Rail, Push-Pull											
926-LPV7215MG/NOPB	LPV7215MG/NOPB	SC-70-5	1	1.8/5	0.00058	15	4.5	3	1.77	1.39	1.25
926-LMC7215IM/NOPB	LMC7215IM/NOPB	SOIC-8	1	2/8	0.007	30	24	6	1.68	1.35	1.22
926-LMC7215IM5/NOPB	LMC7215IM5/NOPB	SOT-23-5	1	2/8	0.007	30	24	6	1.90	1.46	1.33
Precision, Low Power, Open Drain											
926-LMP7300MA/NOPB	LMP7300MA/NOPB	SOIC-8	1	2.7/36	0.012	10	4	0.3	2.93	2.36	2.12
926-SM72375MME/NOPB	SM72375MME/NOPB	MiniSOIC-8	1	2.7/15	0.02	30	-----	10	3.57	2.91	2.61
926-LMV7231SQE/NOPB	LMV7231SQE/NOPB	LLP-24	6	2.2/5.5	0.007	10	7	-----	4.26	3.47	3.12
Precision, Low Power, Push-Pull											
926-LMV761MA/NOPB	LMV761MA/NOPB	SOIC-8	1	2.7/5	0.275	40	0.12	0.3	1.33	1.07	0.963
926-LMV761MF/NOPB	LMV761MF/NOPB	SOT-23-6	1	2.7/5	0.275	40	0.12	0.3	1.76	1.36	1.23
926-LMV762MA/NOPB	LMV762MA/NOPB	SOIC-8	2	2.7/5	0.275	40	0.12	0.2	2.15	1.73	1.56
926-LMV762MM/NOPB	LMV762MM/NOPB	MiniSOIC-8	2	2.7/5	0.275	40	0.12	0.2	2.43	1.87	1.70
926-LMV761MFX/NOPB	LMV761MFX/NOPB	SOT-23	1	2.7/5	0.7	-----	-----	-----	1.76	1.36	1.23

AUDIO CODEC SUB-SYSTEM

MOUSER STOCK NO.	National Products Part No.	Package Style	Power @5V 8Ω (W)	THD+N (%)		PSRR (dB)		SNR (dB)		Price Each		
				Speaker	Headphone	Speaker	Headphone	Speaker	Headphone	1	25	100
926-LM49350RL/NOPB	LM49350RL/NOPB	MicroSMDXT-36	1.2	0.07	0.025	97	97	106	106	7.37	6.20	5.70
926-LM4936MH/NOPB	LM4936MH/NOPB	TSSOP-28	1.25	0.06	0.02	55	57	-----	-----	4.68	3.76	3.43

For quantities greater than listed, call for quote.

AUDIO HEADPHONE AMPLIFIERS

MOUSER STOCK NO.	National Products Part No.	Package Style	THD (%)	PSRR (dB)	Supply Voltage (Min./Max.)	Power (W)		Channels	Supply Current (mA)	Price Each		
						1% THD	10% THD			1	25	100
926-LM4881M/NOPB	LM4881M/NOPB	SOIC-8	0.02	50	2.7/5.5	0.15@16Ω	0.2@16Ω	2	3.6	1.71	1.37	1.23
926-LM4916MM/NOPB	LM4916MM/NOPB	MiniSOIC-10	0.2	66	0.9/2.5	0.085@8Ω	0.1@8Ω	2	1	1.79	1.37	1.24
926-LM4917MT/NOPB	LM4917MT/NOPB	TSSOP-14	0.02	70	1.4/3.6	0.097@16Ω	0.108@16Ω	2	11	2.67	2.15	1.93
926-LM4809MM/NOPB	LM4809MM/NOPB	MSOP	0.03	70	2/5.5	0.15@80Ω	0.18@80Ω	2	1.2	1.67	1.34	1.17
926-LM4911MM/NOPB	LM4911MM/NOPB	MSOP	0.5	65	2/5.5	2.4@16Ω	3@16Ω	2	5	1.94	1.53	1.37

For quantities greater than listed, call for quote.

AUDIO NOISE SUPPRESSION MICROPHONE AMPLIFIERS

MOUSER STOCK NO.	National Products Part No.	Package Style	THD (%)	PSRR (dB)	SNR (dB)	Mono/Stereo	Output Type	Supply Voltage (Min./Max.)	Supply Current (mA)	Price Each		
										1	25	100
926-LMV1089VY/NOPB	LMV1089VY/NOPB	LQFP-32	0.1	96	65	Mono	Differential	2.7/5.5	1.1	13.20	11.10	10.20
926-LMV1090TL/NOPB	LMV1090TL/NOPB	MicroSMD-16	0.1	99	65	Mono	Differential	2.7/5.5	0.6	2.49	1.91	1.73
926-LMV1091TM/NOPB	LMV1091TM/NOPB	MicroSMD-25	0.1	99	65	Mono	Differential	2.7/5.5	0.6	8.82	7.33	6.66
926-LMV1099TL/NOPB	LMV1099TL/NOPB	MicroSMD-25	0.1	106	65	Mono	Differential	2.7/5.5	3.7	2.95	2.37	2.13

For quantities greater than listed, call for quote.

AUDIO POWER AMPLIFIERS

MOUSER STOCK NO.	National Products Part No.	Package Style	THD (%)	PSRR (dB)	Supply Voltage Range	Power (W)		Channels	SNR (dB)	Price Each		
						1% THD	10% THD			1	25	100
926-LM4667MM/NOPB	LM4667MM/NOPB	MSOP	0.8	55	+2.7 to +5.5	1.09@80Ω	1.3@80Ω	1	-----	2.27	1.83	1.60
926-LM1875L/F03	LM1875L/F03	TO-220	0.02	52	+16 to +60	0.022@4Ω	0.07@4Ω	1	90	3.97	3.19	2.91
926-LM1875T/NOPB	LM1875T/NOPB	TO-220	0.022	95	+20 to +60	25@8Ω	30@8Ω	1	-----	3.98	3.19	2.91
926-LM1877M-9/NOPB	LM1877M-9/NOPB	SOIC-14	0.06	65	+6 to +24	1@8Ω	1.3@8Ω	2	-----	1.76	1.42	1.27
926-LM1877MX-9/NOPB	LM1877MX-9/NOPB	SOIC-14	0.06	65	+6 to +24	1@8Ω	1.3@8Ω	2	-----	1.76	1.42	1.27
926-LM380N/NOPB	LM380N/NOPB	DIP-8	0.2	38	18	4@8Ω	6@8Ω	1	-----	1.79	1.42	1.24
926-LM4990ITLX/NOPB	LM4990ITLX/NOPB	microSMD-9	0.2	62	+2.2 to +5.5	5.0@8Ω	3.0@4Ω	1	62	1.22	.96	.864
926-LM384N/NOPB	LM384N/NOPB	DIP-14	0.25	31	+12 to +26	6.5@8Ω	8.5@8Ω	1	-----	1.74	1.40	1.26
926-LM386M-1/NOPB	LM386M-1/NOPB	SOIC-8N	0.2	50	+4 to +12	-----	0.325@8Ω	1	-----	1.02	.812	.71
926-LM386MX-1/NOPB	LM386MX-1/NOPB	SOIC-8	0.25	50	+4 to +18	0.25@8Ω	0.325@8Ω	1	-----	1.05	.828	.745
926-LM386N-1/NOPB	LM386N-1/NOPB	DIP-8	0.25	50	+4 to +18	0.25@8Ω	0.325@8Ω	1	-----	1.04	.828	.725
926-LM386N-4/NOPB	LM386N-4/NOPB	DIP-8	0.25	50	+4 to +18	0.25@8Ω	0.325@8Ω	1	-----	.95	.756	.661
926-LM3886T/NOPB	LM3886T/NOPB	TO-220	0.03	120	+18 to +84	38@8Ω	-----	1	92.5	7.30	5.98	5.40
926-LM3886TF/NOPB	LM3886TF/NOPB	ISOTO-220	0.03	120	+18 to +84	38@8Ω	-----	1	92.5	7.30	5.98	5.40
926-LM4673SD/NOPB	LM4673SD/NOPB	LLP-8	0.02	78	5	1.24@8Ω	1.7@8Ω	1	97	1.82	1.40	1.27
926-LM4752TS/NOPB	LM4752TS/NOPB	TO-263	0.25	50	+10 to +32	3.6@8Ω	7@8Ω	2	-----	2.86	2.29	2.09

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