

NATIONAL PRODUCTS Amplifiers

National Products
from Texas Instruments

RoHS Compliant This product is RoHS compliant.

HIGH SPEED AMPLIFIERS (≤50MHZ)

For quantities greater than listed, call for quote.

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)	-3dB BW (Typ.) (MHz)	Output Current (Typ.) (mA)	Slew Rate (Typ.) (V/μs)	Price Each		
									1	25	100
Adjustable Bandwidth											
926-LMH6732MA/NOPB	LMH6732MA/NOPB	SOIC-8	1	9/12	9	540	115	2700	6.78	5.56	5.02
Current Feedback											
926-LMH6723MA/NOPB	LMH6723MA/NOPB	SOIC-8	1	5/12	1	370	110	600	2.33	1.88	1.69
926-LMH6723MF/NOPB	LMH6723MF/NOPB	SOT-23-5	1	5/12	1	370	110	600	2.63	2.02	1.83
926-LM6181IM-8/NOPB	LM6181IM-8/NOPB	SOIC-8	1	7/32	7.5	120	130	1400	2.95	2.38	2.14
926-LM6181IN/NOPB	LM6181IN/NOPB	DIP-8	1	7/32	7.5	120	130	1400	2.95	2.38	2.14
926-LMH6724MA/NOPB	LMH6724MA/NOPB	SOIC-8	2	5/12	1	370	110	600	3.09	2.50	2.25
High Output Current											
926-LMH6672MA/NOPB	LMH6672MA/NOPB	SOIC-8	2	5/12	6.2	90	200	170	2.97	2.39	2.18
926-LMH6672MR/NOPB	LMH6672MR/NOPB	SOP-8	2	5/12	6.2	90	200	170	2.97	2.39	2.18
Low Distortion											
926-LMH6703MF/NOPB	LMH6703MF/NOPB	SOT-23-6	1	8/12	11	1800	90	4200	3.87	3.16	2.83
Low Noise											
926-LMH6629SD/NOPB	LMH6629SD/NOPB	LLP-8	1	2.7/5.5	15.5	900	250	1600	5.34	4.37	3.92
926-LMH6655MA/NOPB	LMH6655MA/NOPB	SOIC-8	2	4.5/12	4.5	250	186	200	3.42	2.75	2.51
Low Power											
926-LMH6654MF/NOPB	LMH6654MF/NOPB	SOT-23-5	1	4.5/12	4.5	250	186	200	2.84	2.18	1.98
Low Power, Rail-to-Rail											
926-LMH6642MA/NOPB	LMH6642MA/NOPB	SOIC-8	1	2.7/12.8	2.7	130	115	135	1.86	1.50	1.35
926-LMH6642MF/NOPB	LMH6642MF/NOPB	SOT-23-5	1	2.7/12.8	2.7	130	115	135	2.10	1.62	1.47
926-LMH6643MA/NOPB	LMH6643MA/NOPB	SOIC-8	2	2.7/12.8	2.7	130	115	135	2.33	1.88	1.69
926-LMH6643MM/NOPB	LMH6643MM/NOPB	MiniSOIC-8	2	2.7/12.8	2.7	130	115	135	2.63	2.03	1.84
Rail-to-Rail											
926-LMH6612MA/NOPB	LMH6612MA/NOPB	SOIC-8	2	2.7/11	3.45	365	120	460	5.26	4.23	3.85
926-LMH6619MA/NOPB	LMH6619MA/NOPB	SOIC-8	2	2.7/11	1.45	140	35	57	4.76	3.83	3.49
926-LMH6644MA/NOPB	LMH6644MA/NOPB	SOIC-8	4	2.7/12.8	2.7	130	115	135	3.47	2.79	2.54
Single Supply											
926-LMH6657MG/NOPB	LMH6657MG/NOPB	SC-70-5	1	3/12	6	270	45	700	2.24	1.73	1.57
926-LMH6658MA/NOPB	LMH6658MA/NOPB	SOIC-8	2	3/12	6	270	45	700	2.77	2.24	2.01
926-LMH6683MT/NOPB	LMH6683MT/NOPB	TSSOP-14	3	3/12	6.5	180	80	940	3.30	2.66	2.42
926-LMH6733MQ/NOPB	LMH6733MQ/NOPB	SSOP-16	3	3/12	6.5	1000	80	3750	6.92	5.56	5.07
Voltage Feedback											
926-LM7121IM/NOPB	LM7121IM/NOPB	SOIC-8	1	4.5/33	4.8	235	52	1300	3.01	2.43	2.19
926-LM7121IM5/NOPB	LM7121IM5/NOPB	SOT-23-5	1	4.5/33	4.8	235	52	1300	3.40	2.62	2.38
926-LM6171AIM/NOPB	LM6171AIM/NOPB	SOIC-8	1	5.5/34	2.5	160	135	3600	3.78	3.03	2.76
926-LM6171BIM/NOPB	LM6171BIM/NOPB	SOIC-8	1	5.5/34	2.5	160	135	3600	3.22	2.59	2.36
926-LM6171BIN/NOPB	LM6171BIN/NOPB	DIP-8	1	5.5/34	2.5	160	135	3600	3.22	2.58	2.35
926-LM7171AIM/NOPB	LM7171AIM/NOPB	SOIC-8	1	5.5/36	6.5	220	100	4100	3.58	2.88	2.63
926-LM7171BIM/NOPB	LM7171BIM/NOPB	SOIC-8	1	5.5/36	6.5	220	100	4100	2.83	2.28	2.08
926-LM7171BIN/NOPB	LM7171BIN/NOPB	DIP-8	1	5.5/36	6.5	220	100	4100	2.83	2.28	2.08
926-LMH6628MA/NOPB	LMH6628MA/NOPB	SOIC-8	2	5/12	9	300	85	550	3.98	3.20	2.92
926-LM6172IM/NOPB	LM6172IM/NOPB	SOIC-8	2	5.5/36	2.3	160	85	3000	4.26	3.42	3.12
926-LM6172IMX/NOPB	LM6172IMX/NOPB	SOIC-8	2	5.5/36	2.3	160	85	3000	4.56	3.72	3.34
926-LM6172IN/NOPB	LM6172IN/NOPB	DIP-8	2	5.5/36	2.3	160	85	3000	4.26	3.42	3.12
Voltage Feedback, Rail-to-Rail											
926-LMH6645MA/NOPB	LMH6645MA/NOPB	SOIC-8	1	2.5/12	0.725	55	20	22	2.08	1.68	1.51
926-LMH6645MF/NOPB	LMH6645MF/NOPB	SOT-23-5	1	2.5/12	0.725	55	20	22	2.35	1.81	1.65
926-LMH6647MA/NOPB	LMH6647MA/NOPB	SOIC-8	1	2.5/12	0.725	55	20	22	1.89	1.53	1.38
926-LMH6639MF/NOPB	LMH6639MF/NOPB	SOT-23-6	1	3/12	3.6	228	160	172	2.10	1.62	1.47
926-LMH6646MA/NOPB	LMH6646MA/NOPB	SOIC-8	2	2.5/12	0.725	55	20	22	3.08	2.49	2.24
926-LMH6646MM/NOPB	LMH6646MM/NOPB	MiniSOIC-8	2	2.5/12	0.725	55	20	22	3.48	2.69	2.44
Wideband											
926-LMH6624MA/NOPB	LMH6624MA/NOPB	SOIC-8	1	5/12	12	180	100	400	4.96	3.99	3.63
926-LMH6624MF/NOPB	LMH6624MF/NOPB	SOT-23-5	1	5/12	12	180	100	400	5.31	4.34	3.90
926-LMH6703MA/NOPB	LMH6703MA/NOPB	SOIC-8	1	8/12	11	1800	90	4200	3.61	2.91	2.65
926-LMH6702MA/NOPB	LMH6702MA/NOPB	SOIC-8	1	10/12	12.5	1700	80	3100	3.86	3.11	2.83
926-LMH6702MF/NOPB	LMH6702MF/NOPB	SOT-23-5	1	10/12	12.5	1700	80	3100	4.14	3.39	3.04
926-LMH6714MA/NOPB	LMH6714MA/NOPB	SOIC-8	1	10/12	5.6	400	70	1800	2.26	1.83	1.65
926-LMH6720MA/NOPB	LMH6720MA/NOPB	SOIC-8	1	10/12	5.6	400	70	1800	2.47	2.00	1.80
926-LMH6622MA/NOPB	LMH6622MA/NOPB	SOIC-8	2	5/12	4.3	160	90	80	3.98	3.20	2.92
926-LMH6626MA/NOPB	LMH6626MA/NOPB	SOIC-8	2	5/12	12	160	100	360	5.46	4.39	4.00
926-LMH6626MM/NOPB	LMH6626MM/NOPB	MiniSOIC-8	2	5/12	12	160	100	360	5.85	4.77	4.29
926-LMH6738MQ/NOPB	LMH6738MQ/NOPB	SSOP-16	3	10/12	10.5	750	90	3300	6.44	5.18	4.72
926-LMH6722MT/NOPB	LMH6722MT/NOPB	TSSOP-14	4	10/12	5.6	400	70	1800	3.95	3.18	2.90

PRECISION AMPLIFIERS

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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)	GBW (Typ.) (MHz)	Slew Rate (Typ.) (V/μs)	V _{OS} (25°C) (Max.) (mV)	Price Each		
									1	25	100
Low Input Bias Current											
926-LMV301MG/NOPB	LMV301MG/NOPB	SC-70-5	1	1.8/5	0.163	1	0.66	8	1.03	.81	.73
926-LMP7721MA/NOPB	LMP7721MA/NOPB	SOIC-8	1	1.8/5.5	1.3	17	10.5	0.15	11.18	9.16	8.26
Low Noise											
926-LMP7715MF/NOPB	LMP7715MF/NOPB	SOT-23-5	1	2.7/5	1.15	17	9.5	0.15	2.50	1.93	1.75
926-LMV751M5/NOPB	LMV751M5/NOPB	SOT-23-5	1	2.7/5.5	0.6	5	2.3	1	2.36	1.82	1.66
926-LMV771MG/NOPB	LMV771MG/NOPB	SC-70-5	1	2.7/5.5	0.6	3.5	1.4	0.85	1.84	1.46	1.31
926-LMP7716MM/NOPB	LMP7716MM/NOPB	MiniSOIC-8	2	1.8/5.5	1.3	17	9.5	0.15	3.49	2.69	2.44
Low Noise, Rail-to-Rail											
926-LMP7731MA/NOPB	LMP7731MA/NOPB	SOIC-8	1	2.5/5.5	2.2	22	2.4	0.5	3.09	2.50	2.25
926-LMP7731MF/NOPB	LMP7731MF/NOPB	SOT-23-5	1	2.5/5.5	2.2	22	2.4	0.5	3.49	2.69	2.44
926-LMP7732MA/NOPB	LMP7732MA/NOPB	SOIC-8	2	2.5/5.5	2.2	22	2.4	0.5	3.72	3.00	2.73
926-LMV772MA/NOPB	LMV772MA/NOPB	SOIC-8	2	2.7/5	0.6	3.5	1.4	1	1.88	1.52	1.37
926-LMV772MM/NOPB	LMV772MM/NOPB	MiniSOIC-8	2	2.7/5	0.6	3.5	1.4	1	2.13	1.65	1.49
926-LMV774MT/NOPB	LMV774MT/NOPB	TSSOP-14	4	2.7/5	0.6	3.5	1.4	1	2.67	2.15	1.94
Low Noise, Zero Drift											
926-LMP2021MA/NOPB	LMP2021MA/NOPB	SOIC-8	1	2.2/5.5	1.1	5	2.6	0.005	3.33	2.68	2.44
926-LMP2021MF/NOPB	LMP2021MF/NOPB	SOT-23-5	1	2.2/5.5	1.1	5	2.6	0.005	3.57	2.92	2.62
926-LMP2022MA/NOPB	LMP2022MA/NOPB	SOIC-8	2	2.2/5.5	1.1	5	2.6	0.005	4.40	3.54	3.22
926-LMP2022MME/NOPB	LMP2022MME/NOPB	MiniSOIC-8	2	2.2/5.5	1.1	5	2.6	0.005	4.71	3.84	3.45
Micropower											
926-LMP2231AMA/NOPB	LMP2231AMA/NOPB	SOIC-8	1	1.6/5.5	0.016	0.13	0.042	0.15	3.19	2.57	2.34
926-LMP2231BMFE/NOPB	LMP2231BMFE/NOPB	SOT-23-5	1	1.6/5.5	0.016	0.13	0.042	0.15	2.99	2.31	2.10

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