

TEXAS INSTRUMENTS Amplifiers

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STANDARD LINEAR AMPLIFIERS (CONT.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	No. of Channels	Total Supply Voltage (Min./Max.) (+5V=5, ±5V=10)	I _q per Channel (Max.) (mA)	GBW (Typ.) (MHz)	Slew Rate (Typ.) (V/us)	V _{IO} (25°C) (Max.) (mV)	Price Each		
									1	10	100
926-LF412CN/NOPB	LF412CN/NOPB	DIP-8	2	10/36	1.8	4	15	3	1.42	1.21	.935
926-LM833MX/NOPB	LM833MX/NOPB	SOIC-8	2	10/36	2.5	15	7	5	.89	.747	.482
926-LM13700M/NOPB	LM13700M/NOPB	SOIC-16	2	10/36	1.3	2	50	4	1.27	1.08	.832
926-LF353M/NOPB	LF353M/NOPB	SOIC-8	2	10/36	1.8	4	13	10	1.11	.955	.733
926-LF353MX/NOPB	LF353MX/NOPB	SOIC-8	2	10/36	1.8	4	13	10	.93	.795	.611
926-LF353N/NOPB	LF353N/NOPB	DIP-8	2	10/36	1.8	4	13	10	.98	.843	.647
595-LM833DGKR	LM833DGKR	MSOP-8	2	10/36	2.5	16	7	2	.95	.812	.624
926-LF412ACN/NOPB	LF412ACN/NOPB	DIP-8	2	10/45	1.8	4	15	1	4.02	3.42	2.96
595-TL074MDEP	TL074MDEP	SOIC-14	4	30/36	2.5	3	13	9	1.76	1.50	1.20

FULLY DIFFERENTIAL ISOLATION AMPLIFIERS

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MOUSER STOCK NO.	Texas Instruments Part No.	Package	No. of Channels	Architecture	Analog V _S (Min./Max.)	Digital V _S (Min./Max.)	INL (+/-) (Max.) (%)	Power Consumption (Typ.) (mW)	Price Each		
									1	10	100
595-AMC1200SDUBR	AMC1200SDUBR	SOP-8	1	Delta-Sigma	4.5/5.5	2.7/5.5	0.05	82.5	5.77	5.18	4.24
595-AMC1100DUB	AMC1100DUB	SOP-8	1	Isolated	4.5/5.5	2.7/5.5	0.05	82.5	5.72	5.14	4.21

FULLY DIFFERENTIAL AMPLIFIERS

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MOUSER STOCK NO.	Texas Instruments Part No.	Package	No. of Channels	Total Supply Voltage (Min./Max.) (+5V=5, ±5V=10)	I _q per Channel (Max.) (mA)	GBW (Typ.) (MHz)	Slew Rate (Typ.) (V/us)	I _o (Typ.) (mA)	Price Each		
									1	10	100
595-THS45311D	THS45311D	VSSOP-8	1	2.5/5.5	0.25	36	220	26	3.21	2.89	2.36
595-THS45311DGK	THS45311DGK	VSSOP-8	1	2.5/5.5	0.25	36	220	26	3.21	2.89	2.36
595-THS45311RUNT	THS45311RUNT	WQFN-10	1	2.5/5.5	0.25	36	220	26	3.21	2.89	2.36
595-THS45411RGT	THS45411RGT	QFN-16	1	2.7/5.4	-	850	1500	-	6.53	5.90	4.88
595-THS4520RGT	THS4520RGT	QFN-16	1	3/5.25	15.3	1200	570	105	5.36	4.81	3.94
595-THS4509RGT	THS4509RGT	QFN-16	1	3/5.5	37.7	3000	6600	96	10.15	9.17	7.59
595-THS4513RGT	THS4513RGT	QFN-16	1	3/5.5	41.9	2800	5100	96	11.01	9.94	8.23
926-LMH6551QMME/NOPB	LMH6551QMME/NOPB	MSOP-8	1	3/11	16.5	370	2400	65	3.67	3.29	2.70
595-LMH3401IRMST	LMH3401IRMST	UQFN-14	1	3.3/5.5	55	7000	18000	50	19.44	17.87	15.09
926-LMP7312MA/NOPB	LMP7312MA/NOPB	SOIC-14	1	4.5/5.5	2	1	1.4	55	8.48	7.66	6.34
926-LMH6552MA/NOPB	LMH6552MA/NOPB	SOIC-8	1	4.5/12	19	1000	3800	25	9.63	8.69	7.20
926-LMH6553MR/NOPB	LMH6553MR/NOPB	SOP-8	1	4.5/12	29.1	720	2300	33	8.07	7.29	6.04
926-LMH6553SDE/NOPB	LMH6553SDE/NOPB	LLP-8	1	4.5/12	29.1	720	2300	33	7.73	6.98	5.78
926-LMH6554LEE/NOPB	LMH6554LEE/NOPB	LLP-14	1	4.7/5.25	52	2500	6200	57	8.37	7.56	6.26
595-THS4508RGT	THS4508RGT	QFN-16	1	5/5.5	39.2	3000	6400	61	11.81	10.85	9.16
926-LMH6550MA/NOPB	LMH6550MA/NOPB	SOIC-8	1	5/12	20	400	3000	23.5	5.64	5.07	4.15
595-THS4503CD	THS4503CD	SOIC-8	1	5/15	34	300	2800	98	11.20	10.12	8.37
595-THS4503ID	THS4503ID	SOIC-8	1	5/15	34	300	2800	98	11.41	10.31	8.53
595-THS4130CD	THS4130CD	SOIC-8	1	5/30	16	225	51	85	8.66	7.82	6.47
595-THS4131CD	THS4131CD	SOIC-8	1	5/30	16	225	51	85	8.55	7.72	6.39
595-THS4131CDGN	THS4131CDGN	HTSSOP-8	1	5/30	16	225	51	85	8.98	8.11	6.72
595-THS4131ID	THS4131ID	SOIC-8	1	5/30	16	225	51	85	8.77	7.92	6.55
595-THS4131IDGN	THS4131IDGN	HTSSOP-8	1	5/30	16	225	51	85	9.20	8.31	6.88
595-THS4522IPW	THS4522IPW	TSSOP-16	2	2.5/5.5	1.25	95	490	55	5.60	5.03	4.12

PROGRAMMABLE DIFFERENTIAL AMPLIFIERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	No. of Channels	Total Supply Voltage (Min./Max.)	Gain (Min.) (dB)	Gain (Max.) (dB)	Bandwidth (GHz)	Power (Typ.) (mW)	OIP3 (Typ.) (dBm)	HD2 (Typ.) (dBc)	HD3 (Typ.) (dBc)	Price Each		
												1	10	100
926-LMH6881SQE/NOPB	LMH6881SQE/NOPB	WQFN-24	1	4.75/5.25	6	26	2.4	500	42	65	74	9.14	8.26	6.84
926-LMH6882SQE/NOPB	LMH6882SQE/NOPB	WQFN-36	2	4.75/5.25	6	26	2.4	500	40	65	74	12.92	11.88	10.03

PIEZOELECTRIC DRIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Supply Voltage (Max.) (V)	Supply Voltage (Min.) (V)	High Level Input Voltage (Max.) (V)	Low Level Input Voltage (Min.) (V)	I _q (Typ.) (mA)	V _{out} (Max.) (V)	Startup Time (ms)	Input Signal	Price Each		
											1	10	100
595-DRV2605LDGST	DRV2605LDGST	VSSOP-10	5.2	2	1.3	0.5	0.5	5.5	0.7	PWM, Analog, I2C	4.64	4.17	3.42
595-DRV2605LYZFT	DRV2605LYZFT	DSBGA-9	5.2	2	1.3	0.5	0.5	5.5	0.7	PWM, Analog, I2C	4.53	4.07	3.33
595-DRV2603RURR	DRV2603RURR	QFN-10	5.2	2.5	1.3	0.35	1.5	-	1.3	PWM, Analog	1.85	1.67	1.34
595-DRV2605YZFT	DRV2605YZFT	BGA-9	5.5	2.5	1.3	0.5	0.5	5.5	0.7	PWM, Analog, I2C	4.38	3.94	3.22
595-DRV2667RGPT	DRV2667RGPT	QFN-20	5.5	3	1.4	0.5	0.13	200	2	I2C, PWM, Analog	7.26	6.56	5.43
595-DRV2665RGPT	DRV2665RGPT	QFN-20	5.5	3	1.4	0.75	5	200	2	I2C, PWM, Analog	6.21	5.61	4.64

INSTRUMENTAL AMPLIFIERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Texas Instruments Part No.	Package	Input Bias Current (±) (Max.) (nA)	Bandwidth at G=100 (Min.) (kHz)	Non-Linearity (±) (Max.) (%)	Noise at 1kHz (Typ.) (nv/rt)(Hz)	V _S (Min./Max.)	Quiescent Current (±) (Typ.) (mA)	Price Each		
									1	10	100
Single Supply											
595-INA2332AIPWT	INA2332AIPWT	TSSOP-14	0.01	500	0.4	46	2.5/5.5	0.415	2.92	2.62	2.10
595-INA332AIDGKT	INA332AIDGKT	VSSOP-8	0.01	500	0.4	46	2.5/5.5	0.415	1.72	1.55	1.24
595-INA326EA/250	INA326EA/250	VSSOP-8	2	1	0.01	33	2.7/5.5	2.4	5.24	4.71	3.86
595-INA118U	INA118U	SOIC-8	5	70	0.002	10	2.7/36	0.35	10.96	10.07	8.50
595-INA118UB	INA118UB	SOIC-8	5	70	0.002	10	2.7/36	0.35	15.96	14.67	12.39
595-INA826AID	INA826AID	SOIC-8	65	60	0.0005	18	2.7/36	0.2	3.21	2.89	2.36
595-INA826AIDRGT	INA826AIDRGT	SON-8	65	60	0.0005	18	2.7/36	0.2	3.09	2.78	2.28
595-INA827AIDGK	INA827AIDGK	VSSOP-8	65	150	0.0005	18	2.7/36	200	3.21	2.89	2.36
Dual Supply											
595-INA121U	INA121U	SOIC-8	0.05	50	0.005	20	4.5/36	0.45	8.67	7.83	6.48
595-INA121UA	INA121UA	SOIC-8	0.05	50	0.005	20	4.5/36	0.45	6.42	5.80	4.80
595-INA114AP	INA114AP	PDIP-8	2	10	0.002	11	4.5/36	2.2	11.82	10.68	8.84
595-INA114AU	INA114AU	SOIC-16	2	10	0.002	11	4.5/36	2.2	10.96	10.07	8.50
595-INA114BU	INA114BU	SOIC-16	2	10	0.002	11	4.5/36	2.2	14.26	13.11	11.07
595-INA128U	INA128U	SOIC-8	5	200	0.012	8	4.5/36	0.7	11.16	10.26	8.61
595-INA128UA	INA128UA	SOIC-8	5	200	0.012	8	4.5/36	0.7	8.37	7.56	6.26
595-INA129U	INA129U	SOIC-8	5	200	0.002	8	4.5/36	0.7	9.08	8.21	6.80
595-INA129UA	INA129UA	SOIC-8	5	200	0.002	8	4.5/36	0.7	8.39	7.59	6.28
595-INA126E/250	INA126E/250	VSSOP-8	25	9	0.002	35	2.7/36	0.175	4.28	3.64	3.15
595-INA126U	INA126U	SOIC-8	25	9	0.002	35	2.7/36	0.175	4.15	3.53	3.06
595-INA126UA	INA126UA	SOIC-8	25	9	0.002	35	2.7/36	0.175	3.28	2.79	2.41
595-INA126UA/2K5	INA126UA/2K5	SOIC-8	25	9	0.002	35	2.7/36	0.175	2.64	2.25	1.95
595-INA826AIDGKR	INA826AIDGKR	MSOP-8	65	60	5	100	2.7/36	0.2	2.92	2.62	2.10