

# TEXAS INSTRUMENTS Operational Amplifiers



RoHS Compliant This product is RoHS compliant.

## HIGH SPEED AMPLIFIERS (≤50MHZ)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	No. of Channels	Vs (Min./Max.)	Iq per Channel (Max.) (mA)	GBW (Typ) (MHz)	Io (Typ.) (mA)	Slew Rate (Typ.) (V/us)	Price Each			
									1	25	100	250
<b>Current Feedback</b>												
595-OPA2683ID	OPA2683ID	SOIC-8	2	5/12	2.1	1440	110	400	5.41	4.94	3.95	3.44
595-THS3202D	THS3202D	SOIC-8	2	6.6/15	20	-	115	9000	7.70	7.17	6.47	5.95
595-THS3202DGN	THS3202DGN	HTSSOP-8	2	6.6/15	20	-	115	9000	7.70	7.17	6.47	5.95
595-THS6012CDWP	THS6012CDWP	HSOP-20	2	9/32	-	-	500	1300	9.79	9.12	8.23	7.56
595-THS6022IPWP	THS6022IPWP	HTSSOP-14	2	9/32	10	-	250	1900	7.48	6.96	6.28	5.77
595-THS3062DDA	THS3062DDA	HSOP-8	2	10/30	12	2200	145	7000	9.87	9.43	7.08	6.94
595-THS3092D	THS3092D	SOIC-8	2	10/30	11	-	250	5700	11.42	10.91	8.19	8.03
595-THS3092DDA	THS3092DDA	HSOP-8	2	10/30	11	-	250	5700	11.80	11.28	8.47	8.30
595-OPA2695ID	OPA2695ID	SOIC-8	2	12/3.6	26.8	-	120	4300	5.72	5.33	4.81	4.42
595-OPA3691ID	OPA3691ID	SOIC-16	3	5/12	5.1	2000	190	2100	8.14	7.58	6.84	6.29
595-OPA3691IDBQT	OPA3691IDBQT	SSOP-16	3	5/12	5.1	2000	190	2100	9.41	7.81	7.10	4.73
595-OPA4684ID	OPA4684ID	SOIC-14	4	5/12	7.8	1900	120	750	8.69	8.08	7.29	6.70
<b>JFET/CMOS</b>												
595-OPA354AIDBVT	OPA354AIDBVT	SOT-5	1	2.5/5.5	7.5	100	100	150	2.46	1.90	1.72	1.40
595-OPA354AIDDA	OPA354AIDDA	HSOP-8	1	2.5/5.5	7.5	100	100	150	2.18	2.00	1.58	1.49
595-OPA356AIDBVT	OPA356AIDBVT	SOT-5	1	2.5/5.5	14	200	100	360	2.76	2.13	1.93	1.60
595-OPA356AIDBVRG4	OPA356AIDBVRG4	SOT-23	1	2.5/3.3	14	450	100	360	1.96	1.58	1.43	1.30
595-OPA356AIDBVR	OPA356AIDBVR	SOT-23	1	2.5/5.5	14	450	100	360	1.57	1.26	.851	.834
595-OPA357AIDDA	OPA357AIDDA	HSOP-8	1	2.5/5.5	7.5	100	100	150	2.18	2.00	1.58	1.49
595-OPA361AIDCKT	OPA361AIDCKT	SOT-6	1	2.5/3.6	-	-	80	-	1.51	1.19	1.07	.913
595-THS4631D	THS4631D	SOIC-8	1	10/30	11.5	210	95	1000	10.75	8.81	7.95	7.31
595-OPA656U	OPA656U	SOIC-8	1	10/12	-	230	70	290	8.91	8.30	6.67	6.47
595-OPA656UB	OPA656UB	SOIC-8	1	10/12	-	230	70	290	10.45	9.84	8.88	8.16
595-OPA657NB/250	OPA657NB/250	SOT-5	1	10/12	16.3	1600	70	700	11.96	10.14	9.36	6.93
595-OPA657U	OPA657U	SOIC-8	1	10/12	16.3	1600	70	700	10.01	9.32	7.50	7.27
595-OPA2356AID	OPA2356AID	SOIC-8	2	2.5/5.5	14	200	100	360	3.44	3.15	2.52	2.19
595-OPA2356AIDGKR	OPA2356AIDGKR	MSOP-8	2	2.5/5.5	14	450	100	360	2.58	2.07	1.39	1.37
595-OPA2354AIDDA	OPA2354AIDDA	HSOP-8	2	2.7/5.5	7.5	180	100	150	3.32	3.03	2.42	2.11
595-OPA4354AID	OPA4354AID	SOIC-14	4	2.7/5.5	7.5	100	100	150	4.80	4.38	3.51	3.05
595-OPA4354AIPWR	OPA4354AIPWR	TSSOP-14	4	2.7/5.5	7.5	100	100	150	4.17	3.40	3.28	3.16
595-OPA4354AIPWT	OPA4354AIPWT	TSSOP-14	4	2.7/5.5	7.5	100	100	150	5.55	4.53	4.07	3.42
<b>Rail to Rail</b>												
595-THS4281D	THS4281D	SOIC-8	1	2.7/15	1	-	30	35	2.82	2.58	2.06	1.79
595-THS4281DBVT	THS4281DBVT	SOT-5	1	2.7/15	1	-	30	35	2.90	2.36	2.12	2.03
595-THS4281DGK	THS4281DGK	VSSOP-8	1	2.7/15	1	-	30	35	2.82	2.58	2.06	1.79
595-OPA830IDBVT	OPA830IDBVT	SOT-5	1	2.8/11	-	-	80	-	1.85	1.41	1.28	1.05
595-OPA832ID	OPA832ID	SOIC-8	1	2.8/11	-	-	80	-	1.49	1.37	1.07	1.02
595-THS4221DBVT	THS4221DBVT	SOT-5	1	5/15	-	120	100	975	3.04	2.44	2.22	2.01
595-OPA2830ID	OPA2830ID	SOIC-8	2	3/11	3.9	100	75	500	2.58	2.37	1.86	1.76
595-OPA2830IDGKT	OPA2830IDGKT	VSSOP-8	2	3/11	3.9	100	75	500	2.88	2.22	2.00	1.66
595-THS4222D	THS4222D	SOIC-8	2	5/15	-	120	100	975	3.57	3.26	2.61	2.27
<b>DSL/Power Line</b>												
595-OPA2613ID	OPA2613ID	SOIC-8	2	5/12	6.5	125	350	70	4.55	4.16	3.32	2.89
595-OPA2614ID	OPA2614ID	SOIC-8	2	5/12	6.5	290	350	145	6.44	5.17	4.71	4.25
595-OPA2674I-14D	OPA2674I-14D	SOIC-14	2	5/12	19.2	2080	500	2000	4.03	3.69	2.95	2.57
595-OPA2674ID	OPA2674ID	SOIC-8	2	5/12	19.2	2080	500	2000	4.03	3.69	2.95	2.57
595-OPA2677U	OPA2677U	SOIC-8	2	5/12	19.5	2000	500	1800	3.21	2.93	2.10	2.05
595-OPA2670IRGVT	OPA2670IRGVT	QFN-16	2	5.5/12.6	15.75	420	700	5000	3.64	2.97	2.66	2.55
595-THS6226IRHBT	THS6226IRHBT	QFN-32	2	10/12.5	24.5	125	383	1500	4.59	4.11	3.48	3.14
595-THS3092D	THS3092D	SOIC-8	2	10/30	11	-	250	5700	11.42	10.91	8.19	8.03
595-THS3092DDA	THS3092DDA	HSOP-8	2	10/30	11	-	250	5700	11.80	11.28	8.47	8.30

## PRECISION AMPLIFIERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	No. of Channels	Total Supply Voltage Min./Max. (+5V=5, ±5V=10)	Iq per Channel (Max.) (mA)	GBW (Typ) (MHz)	Slew Rate (Typ.) (V/us)	VIO (25°C) (Max.) (mV)	Price Each			
									1	25	100	250
<b>Low Power</b>												
595-TL7660CD	TL7660CD	SOIC-8	1	1.5/10	0.11	-	-	-	1.54	1.35	1.07	.974
595-TL7660CDGKR	TL7660CDGKR	VSSOP-8	1	1.5/10	0.11	-	-	-	1.47	1.17	1.02	.903
595-TL7660CDGKT	TL7660CDGKT	VSSOP-8	1	1.5/10	0.11	-	-	-	2.10	1.62	1.47	1.32
595-TL7660CDR	TL7660CDR	SOIC-8	1	1.5/10	0.11	-	-	-	1.52	1.20	1.08	.94
595-TLV2760IDBVT	TLV2760IDBVT	SOT-6	1	1.8/3.6	0.028	0.5	0.2	3.5	2.19	1.68	1.52	1.24
595-TLV2761IDBVT	TLV2761IDBVT	SOT-5	1	1.8/3.6	0.028	0.5	0.2	3.5	2.32	1.78	1.62	1.32
595-OPA330AIYFFT	OPA330AIYFFT	DSBGA-5	1	1.8/5.5	0.035	0.35	0.16	0.05	1.76	1.34	1.22	1.10
595-OPA379AID	OPA379AID	SOIC-8	1	1.8/5.5	0.0055	0.09	0.03	1.5	2.18	2.00	1.58	1.49
595-OPA379AIDBVT	OPA379AIDBVT	SOT-5	1	1.8/5.5	0.0055	0.09	0.03	1.5	2.27	1.76	1.59	1.30
595-OPA379AIDCKT	OPA379AIDCKT	SOT-5	1	1.8/5.5	0.0055	0.09	0.03	1.5	2.27	1.76	1.59	1.30
595-OPA314AIDCKT	OPA314AIDCKT	SC70-5	1	1.8/5.5	0.21	3	1.5	2.5	.81	.70	.636	.56
595-TLV2241IDBVT	TLV2241IDBVT	SOT-5	1	2.5/12	0.0012	0.0055	0.002	3	2.49	1.91	1.73	1.42
595-TLV2401CDBVT	TLV2401CDBVT	SOT-5	1	2.5/16	0.00095	0.0055	0.0025	1.2	2.46	1.89	1.71	1.40
595-TLV2401ID	TLV2401ID	SOIC-8	1	2.5/16	0.00095	0.0055	0.0025	1.2	2.51	2.02	1.82	1.62
595-TLV2401IDBVT	TLV2401IDBVT	SOT-5	1	2.5/16	0.00095	0.0055	0.0025	1.2	2.34	1.80	1.63	1.33
595-TLV2451CDBVBR	TLV2451CDBVBR	SOT-5	1	2.7/6	0.035	0.22	0.11	1.5	1.97	1.52	1.38	1.14
595-TLV2451IDBVR	TLV2451IDBVR	SOT-5	1	2.7/6	0.035	0.22	0.11	1.5	1.97	1.52	1.38	1.14
595-TLV2461CDR	TLV2461CDR	SOIC-8	1	2.7/6	0.575	6.4	1.6	2	1.60	1.28	1.17	1.06
595-TLV2211CDBVBR	TLV2211CDBVBR	SOT-5	1	2.7/10	0.025	0.056	0.025	3	1.40	1.11	.977	.857
595-TLV2211IDBVR	TLV2211IDBVR	SOT-5	1	2.7/10	0.025	0.056	0.025	3	1.38	1.09	.976	.922
595-TLV2221CDBVBR	TLV2221CDBVBR	SOT-5	1	2.7/10	0.15	0.48	0.18	3	1.40	1.11	.977	.857
595-TLV2721CDBVT	TLV2721CDBVT	SOT-5	1	2.7/10	0.15	0.51	0.18	3	1.47	1.17	1.03	.905
595-TLV2370IDBVR	TLV2370IDBVR	SOT-6	1	2.7/16	0.56	2.4	2	4.5	1.51	1.17	1.06	.97
595-TLV2371IDBVR	TLV2371IDBVR	SOT-5	1	2.7/16	0.56	2.4	2	4.5	1.25	.994	.897	.781
595-TLV2371IDBVT	TLV2371IDBVT	SOT-5	1	2.7/16	0.56	2.4	2	4.5	1.54	1.21	1.09	.984



Amplifier ICs

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