

TEXAS INSTRUMENTS Operational Amplifiers



RoHS Compliant This product is RoHS compliant.

Texas Instruments Amplifier ICs

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		
Current Feedback														
595-THS3061DGN	THS3061DGN	HTSSOP-8	1	10/30	12	2200	145	7000	8.72	6.81	5.73	5.28		
595-THS3091DDA	THS3091DDA	HSOP-8	1	10/30	11	-	250	7300	6.30	6.03	5.08	4.69		
595-THS3111ID	THS3111ID	SOIC-8	1	10/30	7.5	-	260	1300	3.36	3.23	2.51	2.27		
595-OPA691ID	OPA691ID	SOIC-8	1	-	4.5	2000	190	2100	3.72	3.57	2.77	2.52		
595-OPA691IDBVT	OPA691IDBVT	SOT-6	1	-	4.5	2000	190	2100	4.33	3.37	2.62	2.47		
595-OPA694ID	OPA694ID	SOIC-8	1	-	5.8	-	80	1700	3.20	3.07	2.38	2.17		
595-OPA694IDBVT	OPA694IDBVT	SOT-5	1	-	5.8	-	80	1700	3.80	2.96	2.31	2.17		
595-OPA2674I-14D	OPA2674I-14D	SOIC-14	2	5/12	19.2	2080	500	2000	4.50	3.51	2.71	2.47		
595-OPA2674I-14DR	OPA2674I-14DR	SOIC-14	2	5/12	19.2	2080	500	2000	3.69	2.88	2.23	2.03		
595-OPA2674ID	OPA2674ID	SOIC-8	2	5/12	19.2	2080	500	2000	4.50	3.51	2.71	2.47		
595-OPA2683ID	OPA2683ID	SOIC-8	2	5/12	2.1	1440	110	400	4.69	4.50	3.49	3.18		
595-THS3202D	THS3202D	SOIC-8	2	6.6/15	20	-	115	9000	7.00	6.71	5.65	5.22		
595-THS3202DGN	THS3202DGN	HTSSOP-8	2	6.6/15	20	-	115	9000	7.00	6.71	5.65	5.22		
595-THS6012CDWVP	THS6012CDWVP	HSOP-20	2	9/32	-	-	500	1300	10.94	8.51	7.18	6.61		
595-THS6022IPWP	THS6022IPWP	HTSSOP-14	2	9/32	-	-	250	1900	7.93	6.17	5.20	4.81		
595-THS3062DDA	THS3062DDA	HSOP-8	2	10/30	12	2200	145	7000	10.20	9.78	8.23	7.60		
595-THS3092D	THS3092D	SOIC-8	2	10/30	11	-	250	5700	12.09	10.62	9.40	8.64		
595-THS3092DDA	THS3092DDA	HSOP-8	2	10/30	11	-	250	5700	12.42	10.98	9.71	8.88		
595-OPA2695ID	OPA2695ID	SOIC-8	2	12/3.6	26.8	-	120	4300	6.42	5.33	4.75	4.36		
595-OPA3691ID	OPA3691ID	SOIC-16	3	5/12	5.1	2000	190	2100	7.40	7.09	5.97	5.52		
595-OPA3691IDBQT	OPA3691IDBQT	SSOP-16	3	5/12	5.1	2000	190	2100	8.72	6.80	5.74	5.45		
595-OPA4684ID	OPA4684ID	SOIC-14	4	5/12	7.8	1900	120	750	9.21	7.17	6.05	5.58		
JFET/CMOS														
595-OPA354AIDBVT	OPA354AIDBVT	SOT-5	1	2.5/5.5	7.5	100	100	150	2.45	1.92	1.42	1.33		
595-OPA354AIDDA	OPA354AIDDA	HSOP-8	1	2.5/5.5	7.5	100	100	150	1.99	1.92	1.42	1.28		
595-OPA355NA/250	OPA355NA/250	SOT-6	1	2.5/5.5	14	200	100	360	2.46	1.92	1.44	1.34		
595-OPA356AIDBVT	OPA356AIDBVT	SOT-5	1	2.5/5.5	14	200	100	360	2.00	1.92	1.44	1.28		
595-OPA357AIDDA	OPA357AIDDA	HSOP-8	1	2.5/5.5	7.5	100	100	150	1.99	1.92	1.42	1.28		
595-OPA361AIDCKT	OPA361AIDCKT	SOT-6	1	2.5/3.6	-	-	80	-	1.51	1.19	1.07	.856		
595-THS4631D	THS4631D	SOIC-8	1	10/30	11.5	210	95	1000	10.57	8.25	6.94	6.40		
595-OPA656U	OPA656U	SOIC-8	1	10/12	-	230	70	290	8.10	7.77	6.54	6.04		
595-OPA656UB	OPA656UB	SOIC-8	1	10/12	-	230	70	290	13.27	10.36	8.72	8.06		
595-OPA657NB/250	OPA657NB/250	SOT-5	1	10/12	16.3	1600	70	700	12.10	10.53	9.31	8.57		
595-OPA657U	OPA657U	SOIC-8	1	10/12	16.3	1600	70	700	11.18	8.72	7.36	6.78		
595-OPA2356AID	OPA2356AID	SOIC-8	2	2.5/5.5	14	200	100	360	3.84	3.01	2.34	2.11		
595-OPA2354AIDDA	OPA2354AIDDA	HSOP-8	2	2.7/5.5	7.5	180	100	150	3.02	2.91	2.26	2.04		
595-OPA4354AID	OPA4354AID	SOIC-14	4	2.7/5.5	7.5	100	100	150	4.38	3.51	3.27	2.57		
595-OPA4354AIPWR	OPA4354AIPWR	TSSOP-14	4	2.7/5.5	7.5	100	100	150	4.42	3.45	2.68	2.43		
595-OPA4354AIPWT	OPA4354AIPWT	TSSOP-14	4	2.7/5.5	7.5	100	100	150	4.16	3.33	3.07	2.81		
Rail to Rail														
595-THS4281D	THS4281D	SOIC-8	1	2.7/15	1	-	30	35	2.45	2.35	1.83	1.65		
595-THS4281DBVT	THS4281DBVT	SOT-5	1	2.7/15	1	-	30	35	2.63	2.10	1.68	1.40		
595-THS4281DGK	THS4281DGK	VSSOP-8	1	2.7/15	1	-	30	35	2.45	2.35	1.83	1.65		
595-OPA830IDBVT	OPA830IDBVT	SOT-5	1	2.8/11	-	-	80	-	1.42	1.35	1.02	.917		
595-OPA832ID	OPA832ID	SOIC-8	1	2.8/11	-	-	80	-	1.59	1.28	1.15	1.02		
595-SN10501DBVT	SN10501DBVT	SOT-5	1	3/15	22	120	100	900	2.02	1.62	1.44	1.28		
595-THS4221D	THS4221D	SOIC-8	1	5/15	-	120	100	975	2.58	2.47	1.92	1.74		
595-THS4221DBVT	THS4221DBVT	SOT-5	1	5/15	-	120	100	975	2.47	1.98	1.82	1.66		
595-SN10502DGK	SN10502DGK	VSSOP-8	2	3/15	22	120	100	900	3.56	2.77	2.32	2.14		
595-OPA2830ID	OPA2830ID	SOIC-8	2	3/11	3.9	100	75	500	2.25	2.15	1.61	1.42		
595-OPA2830IDGKT	OPA2830IDGKT	VSSOP-8	2	3/11	3.9	100	75	500	2.25	2.15	1.61	1.44		
595-OPA2832IDGKT	OPA2832IDGKT	VSSOP-8	2	3/11	3.9	100	75	320	3.11	2.54	2.28	1.92		
595-THS4222D	THS4222D	SOIC-8	2	5/15	-	120	100	975	3.25	3.12	2.42	2.19		
DSL/Power Line														
595-OPA2613ID	OPA2613ID	SOIC-8	2	5/12	6.5	125	350	70	4.84	3.78	2.93	2.67		
595-OPA2614ID	OPA2614ID	SOIC-8	2	5/12	6.5	290	350	145	5.65	4.41	3.70	3.41		
595-OPA2674I-14D	OPA2674I-14D	SOIC-14	2	5/12	19.2	2080	500	2000	4.50	3.51	2.71	2.47		
595-OPA2674ID	OPA2674ID	SOIC-8	2	5/12	19.2	2080	500	2000	4.50	3.51	2.71	2.47		
595-OPA2677U	OPA2677U	SOIC-8	2	5/12	19.5	2000	500	1800	3.40	3.25	2.52	2.29		
595-OPA2670IRGVT	OPA2670IRGVT	QFN-16	2	5.5/12.6	15.75	420	700	5000	4.14	3.38	3.03	2.55		
595-THS6226IRHBT	THS6226IRHBT	QFN-32	2	10/12.5	24.5	125	383	1500	4.25	3.40	2.72	2.27		
595-THS3092D	THS3092D	SOIC-8	2	10/30	11	-	250	5700	12.09	10.62	9.40	8.64		
595-THS3092DDA	THS3092DDA	HSOP-8	2	10/30	11	-	250	5700	12.42	10.98	9.71	8.88		

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)	VIQ (25°C) (Max) (mV)	Price Each					
									1	25	100	250		
Low Power														
595-TL7660CD	TL7660CD	SOIC-8	1	1.5/10	0.11	-	-	-	1.50	1.25	1.00	.75		
595-TL7660CDGKR	TL7660CDGKR	VSSOP-8	1	1.5/10	0.11	-	-	-	1.54	1.05	1.00	.724		
595-TL7660CDGKT	TL7660CDGKT	VSSOP-8	1	1.5/10	0.11	-	-	-	1.35	1.20	1.10	1.01		
595-TL7660CDR	TL7660CDR	SOIC-8	1	1.5/10	0.11	-	-	-	1.20	1.00	.80	.60		
595-TLV2760IDBVT	TLV2760IDBVT	SOT-6	1	1.8/3.6	0.028	0.5	0.2	3.5	2.46	1.89	1.71	1.40		
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	2.00	1.53	1.39	1.25		
595-OPA379AID	OPA379AID	SOIC-8	1	1.8/5.5	0.0055	0.09	0.03	1.5	2.45	1.97	1.77	1.58		
595-OPA379AIDBVT	OPA379AIDBVT	SOT-5	1	1.8/5.5	0.0055	0.09	0.03	1.5	2.59	2.00	1.81	1.48		
595-OPA379AIDCKT	OPA379AIDCKT	SOT-5	1	1.8/5.5	0.0055	0.09	0.03	1.5	2.59	2.00	1.81	1.48		
595-TLV2241IDBVT	TLV2241IDBVT	SOT-5	1	2.5/12	0.0012	0.0055	0.002	3	2.46	1.89	1.71	1.40		
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	2.48	2.00	1.80	1.60		
595-TLV2401IDBVT	TLV2401IDBVT	SOT-5	1	2.5/16	0.00095	0.0055	0.0025	1.2	2.62	2.02	1.84	1.50		
595-TLV2450AIPPE4	TLV2450AIPPE4	PDIP-8	1	2.7/6	0.035	0.22	0.12	1	2.60	2.10	1.89	1.68		
595-TLV2451CDBVR	TLV2451CDBVR	SOT-5	1	2.7/6	0.035	0.22	0.11	1.5	1.97	1.52	1.38	1.23		
595-TLV2451IDBVR	TLV2451IDBVR	SOT-5	1	2.7/6	0.035	0.22	0.11	1.5	1.97	1.52	1.38	1.23		
595-TLV2211CDBVR	TLV2211CDBVR	SOT-5	1	2.7/10	0.025	0.056	0.025	3	1.50	1.18	1.06	.926		
595-TLV2211IDBVR	TLV2211IDBVR	SOT-5	1	2.7/10	0.025	0.056	0.025	3	1.57	1.24	1.11	.973		
595-TLV2221														