

# TEXAS INSTRUMENTS Operational Amplifiers

## HIGH SPEED AMPLIFIERS (≤ 50MHZ)

For quantities of 500 and up, 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>Voltage Feedback</b>														
595-OPA355NA/250	OPA355NA/250	SOT-6	1	2.5/5.5	14	200	100	360	2.00	1.60	1.20	1.12		
595-OPA380AID	OPA380AID	SOIC-8	1	2.7/5.5	8.8	90	-	80	4.82	3.87	3.01	2.85		
595-OPA380AIDGKT	OPA380AIDGKT	VSSOP-8	1	2.7/5.5	8.8	90	-	80	4.83	3.87	3.01	2.86		
595-THS4281D	THS4281D	SOIC-8	1	2.7/15	1	-	30	35	2.25	1.80	1.40	1.33		
595-THS4281DBVT	THS4281DBVT	SOT-5	1	2.7/15	1	-	30	35	2.25	1.80	1.40	1.33		
595-THS4281DGK	THS4281DGK	VSSOP-8	1	2.7/15	1	-	30	35	2.25	1.80	1.40	1.33		
595-OPA830IDBVT	OPA830IDBVT	SOT-5	1	2.8/11	-	-	80	-	1.30	1.04	.78	.728		
595-THS4304D	THS4304D	SOIC-8	1	3/5	3/5	-	100	830	5.51	4.41	3.43	3.25		
595-THS4304DBVT	THS4304DBVT	SOT-5	1	3/5	-	-	100	830	5.51	4.41	3.43	3.25		
595-THS4304DGK	THS4304DGK	VSSOP-8	1	3/5	-	-	100	830	5.51	4.41	3.43	3.25		
595-SN10501DBVT	SN10501DBVT	SOT-5	1	3/15	22	120	100	900	1.90	1.52	1.14	1.06		
595-OPA890IDBVT	OPA890IDBVT	SOT-6	1	3/12	1.2	130	40	500	2.02	1.62	1.21	1.13		
595-OPA690ID	OPA690ID	SOIC-8	1	4.5/12	6.2	300	190	1800	3.21	2.56	1.99	1.89		
595-OPA690IDBVT	OPA690IDBVT	SOT-6	1	4.5/12	6.2	300	190	1800	3.21	2.57	2.00	1.90		
595-OPA698ID	OPA698ID	SOIC-8	1	5/12	16.6	250	120	1100	4.71	3.78	2.94	2.78		
595-OPA699ID	OPA699ID	SOIC-8	1	5/12	16.6	1000	120	1400	4.82	3.87	3.01	2.85		
595-OPA820ID	OPA820ID	SOIC-8	1	5/12	6.4	280	110	240	2.25	1.80	1.40	1.33		
595-OPA820IDBVR	OPA820IDBVR	SOT-5	1	5/12	6.4	280	110	240	2.25	1.80	1.35	1.26		
595-OPA820IDBVT	OPA820IDBVT	SOT-5	1	5/12	6.4	280	110	240	2.25	1.80	1.40	1.33		
595-THS4211D	THS4211D	SOIC-8	1	5/15	24	350	200	970	5.20	4.16	3.51	3.38		
595-THS4221D	THS4221D	SOIC-8	1	5/15	-	120	100	975	2.36	1.89	1.47	1.39		
595-THS4221DBVT	THS4221DBVT	SOT-5	1	5/15	-	120	100	975	2.36	1.89	1.47	1.39		
595-THS4271D	THS4271D	SOIC-8	1	5/15	28	400	160	1000	5.00	4.00	3.37	3.25		
595-THS4271DGK	THS4271DGK	VSSOP-8	1	5/15	28	400	160	1000	5.00	4.00	3.37	3.25		
595-THS4271DGN	THS4271DGN	HTSSOP-8	1	5/15	28	400	160	1000	5.40	4.32	3.64	3.51		
595-THS4001CD	THS4001CD	SOIC-8	1	5/30	9.5	270	100	400	5.50	4.40	3.70	3.57		
595-THS4011ID	THS4011ID	SOIC-8	1	10/30	11	290	110	310	4.71	3.78	2.94	2.78		
595-THS4021CD	THS4021CD	SOIC-8	1	10/30	11	1600	100	470	7.20	5.76	4.85	4.67		
595-THS4021CDGN	THS4021CDGN	HTSSOP-8	1	10/30	11	1600	100	470	7.20	5.76	4.85	4.67		
595-THS4021ID	THS4021ID	SOIC-8	1	10/30	11	1600	100	470	7.40	5.92	4.99	4.80		
595-THS4031CD	THS4031CD	SOIC-8	1	10/30	11	100	90	100	4.15	3.33	2.59	2.45		
595-THS4031ID	THS4031ID	SOIC-8	1	10/30	11	100	90	100	4.37	3.51	2.73	2.58		
595-THS4031DGN	THS4031DGN	HTSSOP-8	1	10/30	11	100	90	100	4.82	3.87	3.01	2.85		
595-THS4061CD	THS4061CD	SOIC-8	1	10/30	11	100	115	400	3.48	2.79	2.17	2.05		
595-THS4061ID	THS4061ID	SOIC-8	1	10/30	11	100	115	400	3.70	2.97	2.31	2.18		
595-THS4081ID	THS4081ID	SOIC-8	1	10/30	5	100	85	230	3.25	2.61	2.03	1.91		
595-THS4601ID	THS4601ID	SOIC-8	1	10/30	11.7	180	50	100	20.31	18.97	17.60	17.33		
595-THS4631D	THS4631D	SOIC-8	1	10/30	11.5	210	95	1000	7.90	6.32	5.32	5.12		
595-THS4631DGN	THS4631DGN	HTSSOP-8	1	10/30	11.5	210	95	1000	8.30	6.64	5.59	5.38		
595-OPA656N/250	OPA656N/250	SOT-5	1	10/12	-	230	70	290	7.80	6.24	5.26	5.07		
595-OPA656NB/250	OPA656NB/250	SOT-5	1	10/12	-	230	70	290	8.19	7.72	6.84	6.56		
595-OPA656U	OPA656U	SOIC-8	1	10/12	-	230	70	290	7.40	5.92	4.99	4.80		
595-OPA656UB	OPA656UB	SOIC-8	1	10/12	-	230	70	290	9.90	7.92	6.67	6.43		
595-OPA657NB/250	OPA657NB/250	SOT-5	1	10/12	16.3	1600	70	700	9.33	8.40	7.44	7.14		
595-OPA657U	OPA657U	SOIC-8	1	10/12	16.3	1600	70	700	8.30	6.64	5.60	5.39		
595-OPA842ID	OPA842ID	SOIC-8	1	10/12	22.5	200	100	400	3.81	3.06	2.38	2.25		
595-OPA842IDBVT	OPA842IDBVT	SOT-5	1	10/12	22.5	200	100	400	3.82	3.06	2.38	2.26		
595-OPA843ID	OPA843ID	SOIC-8	1	10/12	22.5	800	100	1000	3.93	3.15	2.45	2.31		
595-OPA843IDBVT	OPA843IDBVT	SOT-5	1	10/12	22.5	800	100	1000	3.93	3.15	2.45	2.32		
595-OPA846ID	OPA846ID	SOIC-8	1	10/12	13.2	1750	80	625	4.15	3.33	2.59	2.45		
595-OPA847ID	OPA847ID	SOIC-8	1	10/12	18.9	3900	75	950	4.95	3.96	3.08	2.92		
595-OPA847IDBVT	OPA847IDBVT	SOT-6	1	10/12	18.9	3900	75	950	4.95	3.96	3.08	2.92		
595-OPA2889ID	OPA2889ID	SOIC-8	2	2.6/12	0.46	75	40	70	2.87	2.30	1.78	1.69		
595-OPA2889IDGST	OPA2889IDGST	VSSOP-10	2	2.6/12	0.46	75	40	70	2.79	2.23	1.73	1.64		
595-OPA2380AIDGKT	OPA2380AIDGKT	VSSOP-8	2	2.7/5.5	8.8	90	-	80	7.38	6.56	5.53	5.33		
595-SN10502DGK	SN10502DGK	VSSOP-8	2	3/15	22	120	100	900	2.56	2.04	1.71	1.65		
595-OPA2890ID	OPA2890ID	SOIC-8	2	3/12	1.2	-	40	400	2.87	2.30	1.78	1.69		
595-OPA2890IDGST	OPA2890IDGST	VSSOP-10	2	3/12	1.2	-	40	400	2.79	2.23	1.73	1.64		
595-OPA2830ID	OPA2830ID	SOIC-8	2	3/11	3.9	100	75	500	2.15	1.72	1.29	1.19		
595-OPA2830IDGKT	OPA2830IDGKT	VSSOP-8	2	3/11	3.9	100	75	500	2.15	1.72	1.29	1.20		
595-THS4222D	THS4222D	SOIC-8	2	5/15	-	120	100	975	3.03	2.43	1.89	1.78		
595-OPA2690I-14D	OPA2690I-14D	SOIC-14	2	5/12	6.3	300	190	1800	5.13	4.10	3.18	3.02		
595-OPA2690ID	OPA2690ID	SOIC-8	2	5/12	6.3	300	190	1800	5.13	4.10	3.18	3.02		
595-OPA2652U	OPA2652U	SOIC-8	2	6/12	7.75	200	140	335	2.78	2.22	1.72	1.63		
595-OPA2822U	OPA2822U	SOIC-8	2	6/12	6.3	240	150	170	3.21	2.56	1.99	1.89		
595-OPA2846ID	OPA2846ID	SOIC-8	2	6/12	13.35	1650	80	600	7.00	5.60	4.71	4.53		
595-THS6012CDWP	THS6012CDWP	HSOP-20	2	9/32	-	-	500	1300	7.70	6.15	5.19	4.99		
595-THS4012CDGN	THS4012CDGN	HTSSOP-8	2	10/30	11	290	110	310	6.90	5.52	4.65	4.47		
595-THS4022CD	THS4022CD	SOIC-8	2	10/30	11	1600	100	470	10.00	8.00	6.74	6.49		
595-THS4032CD	THS4032CD	SOIC-8	2	10/30	11	100	90	100	7.20	5.76	4.85	4.67		
595-THS4032CDGN	THS4032CDGN	HTSSOP-8	2	10/30	11	100	90	100	7.60	6.08	5.12	4.93		
595-THS4032ID	THS4032ID	SOIC-8	2	10/30	11	100	90	100	7.40	5.92	4.99	4.80		
595-THS4042CD	THS4042CD	SOIC-8	2	10/30	11	60	100	400	8.90	7.12	5.99	5.77		
595-THS4052CD	THS4052CD	SOIC-8	2	10/30	11.5	38	100	240	3.41	2.73	2.12	2.01		
595-THS4052ID	THS4052ID	SOIC-8	2	10/30	11.5	38	100	240	3.63	2.90	2.25	2.14		
595-THS4052IDGN	THS4052IDGN	HTSSOP-8	2	10/30	11.5	38	100	240	4.06	3.24	2.52	2.39		
595-THS4082ID	THS4082ID	SOIC-8	2	10/30	5	100	85	233	4.95	3.96	3.08	2.92		
595-OPA4820ID	OPA4820ID	SOIC-14	4	4/12.6	5.7	250	85	250	6.30	5.04	4.23	4.07		
<b>Current Feedback</b>														
595-OPA683ID	OPA683ID	SOIC-8	1	5/12	2.1	1440	110	400	2.87	2.30	1.78	1.69		
595-OPA683IDBVT	OPA683IDBVT	SOT-6	1	5/12	2.1	1440	110	400	2.88	2.30	1.79	1.70		
595-OPA695ID	OPA695ID	SOIC-8	1	5/12	12.9	-	120	2900	3.21	2.56	1.99	1.89		
595-OPA695IDBVT	OPA695IDBVT	SOT-6	1	5/12	12.9	-	120	2900	3.21	2.57	2.00	1.90		
595-THS3201D	THS3201D	SOIC-8	1	6.6/15	21	-	115	10500	5.28	4.23	3.29	3.12		
595-THS3201DBVT	THS3201DBVT	SOT-5	1	6.6/15	21	-	115	10500	5.28	4.23	3.29	3.12		
595-THS3201DGN	THS3201DGN	HTSSOP-8	1	6.6/15	21	-	115	10500	5.28	4.23	3.29	3.12		
595-THS3001CD	THS3001CD	SOIC-8	1	9/32										