

TEXAS INSTRUMENTS Amplifiers



RoHS Compliant This product is RoHS compliant.

Amplifier ICs

Texas Instruments

FULLY DIFFERENTIAL AMPLIFIERS (CONT.)

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)	Slew Rate (Typ.) (V/us)	Io (Typ.) (mA)	Price Each			
									1	25	100	250
595-THS4503CD	THS4503CD	SOIC-8	1	5/15	34	300	2800	98	10.45	9.73	8.78	8.07
595-THS4503ID	THS4503ID	SOIC-8	1	5/15	34	300	2800	98	12.13	9.94	8.97	8.24
595-THS4503IDGK	THS4503IDGK	VSSOP-8	1	5/15	34	300	2800	98	12.13	9.94	8.97	8.24
595-THS4503IDGN	THS4503IDGN	HTSSOP-8	1	5/15	34	300	2800	98	12.13	9.94	8.97	8.24
595-THS4505D	THS4505D	SOIC-8	1	5/15	21	210	1800	100	5.88	4.72	4.30	3.88
595-THS4130CD	THS4130CD	SOIC-8	1	5/30	16	225	51	85	7.28	6.78	6.12	5.13
595-THS4130ID	THS4130ID	SOIC-8	1	5/30	16	225	51	85	7.59	7.07	6.38	5.86
595-THS4131CD	THS4131CD	SOIC-8	1	5/30	16	225	51	85	8.25	6.76	6.10	5.61
595-THS4131CDGN	THS4131CDGN	HTSSOP-8	1	5/30	16	225	51	85	8.75	7.17	6.47	5.95
595-THS4131ID	THS4131ID	SOIC-8	1	5/30	16	225	51	85	7.48	6.97	6.29	5.78
595-THS4131IDGN	THS4131IDGN	HTSSOP-8	1	5/30	16	225	51	85	9.00	7.38	6.66	6.12
595-THS4140CD	THS4140CD	SOIC-8	1	5/30	18	205	450	85	10.25	8.40	7.58	6.97
595-THS4151IDGN	THS4151IDGN	HTSSOP-8	1	5/30	23	340	650	85	11.03	10.54	7.92	7.76
595-THS4522IPW	THS4522IPW	TSSOP-16	2	2.5/5.5	1.25	95	490	55	5.54	5.06	4.05	3.52

INSTRUMENTATIONAL AMPLIFIERS



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MOUSER STOCK NO.	TI Part No.	Package	Input Bias Current (±) (Max.) (nA)	Bandwidth at G=100 (Min.) (kHz)	Non-Linearity (±) (Max.) (%)	Noise at 1kHz (Typ) [nv/rt(Hz)]	Vs (Min./Max.)	Quiescent Current (±) (Typ.) (mA)	Price Each				
									1	25	100	250	
Single Supply													
595-INA322EA/250	INA322EA/250	VSSOP-8	0.01	50	0.01	100	2.5/5.5	0.04	2.67	2.44	2.22	1.56	
595-INA2332AIPWT	INA2332AIPWT	TSSOP-14	0.01	500	0.4	46	2.5/5.5	0.415	3.04	2.44	2.22	2.03	
595-INA332AIDGKT	INA332AIDGKT	VSSOP-8	0.01	500	0.4	46	2.5/5.5	0.415	2.10	1.62	1.47	1.20	
595-INA326EA/250	INA326EA/250	VSSOP-8	2	1	0.01	33	2.7/5.5	2.4	5.17	4.72	4.30	3.88	
595-INA118U	INA118U	SOIC-8	5	70	0.002	10	2.7/36	0.35	11.22	10.73	8.06	7.89	
595-INA118UB	INA118UB	SOIC-8	5	70	0.002	10	2.7/36	0.35	16.35	15.63	11.74	11.50	
595-INA826AID	INA826AID	SOIC-8	65	60	0.0005	18	2.7/36	0.2	3.38	2.70	2.16	1.80	
595-INA826AIDRGT	INA826AIDRGT	SON-8	65	60	0.0005	18	2.7/36	0.2	3.25	2.60	2.08	1.73	
595-INA827AIDGK	INA827AIDGK	VSSOP-8	65	150	0.0005	18	2.7/36	200	3.04	2.77	2.50	2.30	
Dual Supply													
595-INA121U	INA121U	SOIC-8	0.05	50	0.005	20	4.5/36	0.45	8.91	8.30	7.49	6.88	
595-INA121UA	INA121UA	SOIC-8	0.05	50	0.005	20	4.5/36	0.45	6.60	6.15	5.55	5.10	
595-INA114AP	INA114AP	PDIP-8	2	10	0.002	11	4.5/36	2.2	10.56	9.84	8.88	8.16	
595-INA114AU	INA114AU	SOIC-16	2	10	0.002	11	4.5/36	2.2	12.76	10.73	9.86	8.99	
595-INA114BU	INA114BU	SOIC-16	2	10	0.002	11	4.5/36	2.2	14.61	13.96	10.49	10.28	
595-INA128U	INA128U	SOIC-8	5	200	0.012	8	4.5/36	0.7	10.29	9.84	7.39	7.24	
595-INA128UA	INA128UA	SOIC-8	5	200	0.012	8	4.5/36	0.7	7.74	7.21	6.51	5.97	
595-INA129U	INA129U	SOIC-8	5	200	0.002	8	4.5/36	0.7	8.40	6.88	5.31	4.97	
595-INA129UA	INA129UA	SOIC-8	5	200	0.002	8	4.5/36	0.7	7.67	7.15	6.45	5.93	
595-INA126E/250	INA126E/250	VSSOP-8	25	9	0.002	35	2.7/36	0.175	3.99	3.64	3.32	2.99	
595-INA126U	INA126U	SOIC-8	25	9	0.002	35	2.7/36	0.175	3.87	3.53	2.82	2.45	
595-INA126UA	INA126UA	SOIC-8	25	9	0.002	35	2.7/36	0.175	3.05	2.79	2.23	1.94	
595-INA126UA/2K5	INA126UA/2K5	SOIC-8	25	9	0.002	35	2.7/36	0.175	2.96	2.42	2.17	1.85	
595-INA826AIDGKR	INA826AIDGKR	MSOP-8	65	60	5	100	2.7/36	0.2	2.75	2.20	1.76	1.47	

DIFFERENCE AMPLIFIERS



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MOUSER STOCK NO.	TI Part No.	Package	Vs (Min./Max.)	Gain (V/V)	Input Offset (±) (Max.) (uA)	Drift (±) (Max.) (uA/C)	CMRR (Min.) (dB)	Bandwidth (Typ.) (MHz)	Price Each			
									1	25	100	250
595-INA159AIDGKT	INA159AIDGKT	VSSOP-8	1.8/5.5	0.2	500	-	86	1.5	5.55	4.53	4.07	3.42
595-INA132UA	INA132UA	SOIC-8	2.7/36	1	250	-	76	0.3	3.44	3.15	2.52	2.19
595-INA149AID	INA149AID	SOIC-8	4.0/36	1	1000	10	90	0.5	7.15	5.85	4.51	4.23
595-INA2134UA	INA2134UA	SOIC-14	8.0/36	1	1000	2	74	3.1	5.05	4.61	3.69	3.21
595-INA2137UA	INA2137UA	SOIC-14	8.0/36	0.5, 2	1000	2	74	4	5.05	4.61	3.69	3.21

CURRENT SHUNT MONITORS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Vs (Min./Max.)	Gain (V/V)	Input Range (Min.) (V)	Input Offset (±) (Max.) (uV)	CMRR (Min.) (dB)	Bandwidth (Typ.) (MHz)	Price Each			
									1	25	100	250
595-INA216A4YFFT	INA216A4YFFT	DSBGA-4	1.8/5.5	200	1.8	75	90	-	1.34	1.05	.95	.762
595-INA226AIDGST	INA226AIDGST	MSOP-10	2.5/5.5	Prog	0 to +36	10	126	-	3.67	3.30	2.77	2.00
595-INA230AIRGTT	INA230AIRGTT	QFN-16	2.7/5.5	1	0.5	50	100	0.007	3.38	2.70	2.16	1.80
595-INA223AIDSKT	INA223AIDSKT	SON-10	2.7/5.5	Prog	0 to 26	100	100	0.025	3.04	2.77	2.50	2.30
595-INA3221AIRGVT	INA3221AIRGVT	QFN-16	2.7/5.5	1	5	80	110	0.007	6.02	4.84	4.41	3.98
595-INA196AIDBVT	INA196AIDBVT	SOT-5	2.7/13.5	20	-16 to +80	2000	100	-	2.89	2.22	2.02	1.67
595-INA197AIDBVT	INA197AIDBVT	SOT-5	2.7/13.5	50	-16 to +80	2000	100	-	2.89	2.22	2.02	1.67
595-INA198AIDBVT	INA198AIDBVT	SOT-5	2.7/13.5	100	-16 to +80	2000	100	-	2.89	2.22	2.02	1.87
595-INA193AIDBVT	INA193AIDBVT	SOT-5	2.7/18	20	-16 to +80	2000	100	0.4	2.89	2.22	2.02	1.64
595-INA193AQDBVQR1	INA193AQDBVQR1	SOT-23-5	2.7/18	20	-16 to +80	2000	100	0.4	3.29	2.53	2.30	1.90
595-INA194AIDBVT	INA194AIDBVT	SOT-5	2.7/18	50	-16 to +80	2000	100	0.4	3.29	2.53	2.30	1.87
595-INA195AIDBVT	INA195AIDBVT	SOT-5	2.7/18	100	-16 to +80	2000	100	0.4	2.73	2.11	1.90	1.64
595-INA200AID	INA200AID	SOIC-8	2.7/18	20	-16 to +80	2500	100	0.5	2.67	2.44	1.95	1.71
595-INA200AIDGKR	INA200AIDGKR	VSSOP-8	2.7/18	20	-16 to +80	2500	100	0.5	3.15	2.43	2.20	1.80
595-INA201AIDGKT	INA201AIDGKT	VSSOP-8	2.7/18	50	-16 to +80	2500	100	0.3	3.15	2.56	2.15	1.94
595-INA202AID	INA202AID	SOIC-8	2.7/18	100	-16 to +80	2500	100	0.2	2.71	2.47	1.98	1.72
595-INA206AID	INA206AID	SOIC-14	2.7/18	20	-16 to +80	2500	100	0.5	2.83	2.58	2.06	1.79
595-INA271AID	INA271AID	SOIC-8	2.7/18	20	-16 to +80	2500	100	0.13	1.66	1.32	1.16	1.02
595-INA199A1RSWT	INA199A1RSWT	QFN-10	2.7/26	50	-0.3 to 26	150	100	0.014	1.82	1.40	1.27	1.18
595-INA199A2RSWT	INA199A2RSWT	QFN-10	2.7/26	100	-0.3 to 26	150	100	0.014	1.82	1.40	1.27	1.18
595-INA199A3RSWT	INA199A3RSWT	QFN-10	2.7/26	200	-0.3 to 26	150	100	0.014	1.82	1.40	1.27	1.18
595-INA210AIDCKT	INA210AIDCKT	SC-70-6	2.7/26	200	-0.3	35	105	0.014	2.59	2.00	1.81	1.48
595-INA213AIDCKT	INA213AIDCKT	SC-70-6	2.7/26	50	-0.3	0.5	100	0.014	2.59	2.00	1.81	1.50
595-INA214AIDCKT	INA214AIDCKT	SC-70-6	2.7/26	100	-0.3	60	105	0.014	2.27	1.76	1.59	1.32
595-INA138NA/250	INA138NA/250	SOT-5	2.7/36	1 to 100	2.7 to 36	1000	100	0.8	2.27	1.76	1.59	1.32
595-INA139NA/250	INA139NA/250	SOT-5	2.7/40	1 to 100	2.7 to 36	1000	100	0.44	2.27	1.76	1.59	1.32
595-INA168NA/250	INA168NA/250	SOT-5	2.7/60	1 to 100	2.7 to 60	1000	100	0.08	2.67	2.44	2.22	2.01
595-INA169NA/250	INA169NA/250	SOT-5	2.7/60	1 to 100	2.7 to 60	1000	100	0.44	3.29	2.53	2.30	1.67
595-INA170EA/2K5	INA170EA/2K5	MSOP-8	2.7/60	1 to 100	2.7 to 60	1	100	0.4	2.89	2.22	2.02	1.67
595-INA209AIPW	INA209AIPW	TSSOP-16	3.0/5.5	Prog	0 to +26	100	100	-	6.52	6.07	5.48	5.04
595-INA209AIPWR	INA209AIPWR	TSSOP-16	3.0/5.5	Prog	0 to +26	100	100	-	6.25	5.1		