

TEXAS INSTRUMENTS Amplifiers

RoHS Compliant This product is RoHS compliant.

TEXAS INSTRUMENTS
Authorized Distributor

DIFFERENCE AMPLIFIERS

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Gain (V/V)	Input Offset (±) (Max) (uA)	Drift (±) (Max) (ua/°C)	CMRR (Min) (dB)	Bandwidth (Typ) (MHz)	Vs (Min)	Price Each			
									1	25	100	250
595-INA159AIDGKT	INA159AIDGKT	VSSOP-8	0.2	500	-	86	1.5	1.8/5.5	3.56	3.15	2.45	2.32
595-INA2137UA	INA2137UA	SOIC-14	0.5, 2	1000	2	74	4	8/36	4.26	3.42	2.66	2.52
595-INA2134UA	INA2134UA	SOIC-14	1	1000	2	74	3.1	8/36	4.26	3.42	2.66	2.52
595-INA2322EA/250	INA2322EA/250	TSSOP-14	5 to 1000	10000	7	60	-	2.5/5.5	4.10	3.28	2.76	2.66

CURRENT SHUNT MONITORS

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	Gain (V/V)	Input Range (Min) (V)	Input Offset (±) (Max) (uA)	CMRR (Min) (dB)	Bandwidth (Typ) (MHz)	Vs (Min)	Price Each			
									1	25	100	250
595-INA138NA/250	INA138NA/250	SOT-5	1 to 100	2.7 to 36	1000	100	0.8	2.7/36	2.24	1.98	1.54	1.46
595-INA139NA/250	INA139NA/250	SOT-5	1 to 100	2.7 to 36	1000	100	0.44	2.7/40	2.24	1.98	1.54	1.46
595-INA168NA/250	INA168NA/250	SOT-5	1 to 100	2.7 to 60	1000	100	0.08	2.7/60	3.25	2.87	2.23	2.11
595-INA169NA/250	INA169NA/250	SOT-5	1 to 100	2.7 to 60	1000	100	0.44	2.7/60	2.74	2.43	1.89	1.79
595-INA170EA/2K5	INA170EA/2K5	MSOP-8	1 to 100	2.7 to 60	1	100	0.4	2.7	2.94	2.60	2.02	1.92
595-INA193AQDBVRQ1	INA193AQDBVRQ1	SOT-23-5	20	-16 to +80	2000	100	0.4	2.7	2.37	1.90	1.42	1.33
595-INA195AIDBVT	INA195AIDBVT	SOT-5	100	-16 to 80	2000	100	0.4	2.7/18	2.03	1.80	1.35	1.26
595-INA196AQDBVRQ1	INA196AQDBVRQ1	SOT-23-5	50	-16 to +80	2000	80	-	2.7	2.37	1.90	1.42	1.33
595-INA198AIDBVT	INA198AIDBVT	SOT-5	100	-16 to 80	2000	100	-	2.7/13.5	2.03	1.80	1.35	1.26
595-INA202AID	INA202AID	SOIC-8	100	-16 to +80	2500	100	0.2	2.7/18	2.47	1.98	1.48	1.38
595-INA202AIDGKR	INA202AIDGKR	VSSOP-8	100	-16 to +80	2500	100	0.2	2.7/18	2.03	1.80	1.35	1.26
595-INA208AIPWR	INA208AIPWR	TSSOP-14	100	-16 to +80	2500	100	0.2	2.7/18	2.81	2.25	1.75	1.66
595-INA214AIDCKT	INA214AIDCKT	SC70-6	100	-0.3	60	105	0.014	2.7/26	1.69	1.50	1.12	1.05
595-INA193AIDBVT	INA193AIDBVT	SOT-5	20	-16 to 80	2000	100	0.4	2.7/18	2.03	1.80	1.35	1.26
595-INA196AIDBVT	INA196AIDBVT	SOT-5	20	-16 to 80	2000	100	-	2.7/13.5	2.03	1.80	1.35	1.26
595-INA200AID	INA200AID	SOIC-8	20	-16 to +80	2500	100	0.5	2.7/18	2.47	1.98	1.48	1.38
595-INA200AIDGKR	INA200AIDGKR	VSSOP-8	20	-16 to +80	2500	100	0.5	2.7/18	2.25	1.80	1.35	1.26
595-INA200AIDGKT	INA200AIDGKT	VSSOP-8	20	-16 to +80	2500	100	0.5	2.7/18	2.25	1.80	1.35	1.30
595-INA206AID	INA206AID	SOIC-14	20	-16 to +80	2500	100	0.5	2.7/18	3.14	2.52	1.96	1.85
595-INA271AID	INA271AID	SOIC-8	20	-16 to +80	2500	100	0.13	2.7/18	2.25	1.80	1.35	1.26
595-INA210AIDCKT	INA210AIDCKT	SC70-6	200	-0.3	35	105	0.014	2.7/26	1.69	1.50	1.12	1.05
595-INA194AIDBVT	INA194AIDBVT	SOT-5	50	-16 to 80	2000	100	0.4	2.7/18	2.03	1.80	1.35	1.26
595-INA197AIDBVT	INA197AIDBVT	SOT-5	50	-16 to 80	2000	100	-	2.7/13.5	2.03	1.80	1.35	1.26
595-INA201AIDGKR	INA201AIDGKR	VSSOP-8	50	-16 to +80	2500	100	0.3	2.7/18	2.25	1.80	1.35	1.26
595-INA201AIDGKT	INA201AIDGKT	VSSOP-8	50	-16 to +80	2500	100	0.3	2.7/18	2.25	1.80	1.35	1.30
595-INA209AIPW	INA209AIPW	TSSOP-16	Prog	0 to +26	100	100	-	3/5.5	7.70	6.16	5.19	5.00
595-INA209AIPWR	INA209AIPWR	TSSOP-16	Prog	0 to +26	100	100	-	3	6.30	5.60	4.72	4.55

COMPARATORS

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	TI Part No.	Package	No. of Channels	Iq per Channel (Max) (mA)	Output Current (Min) (mA)	rRESP Low-to-High (us)	Total Supply Voltage (Min/Max) (+5V=5, ±5V=10)	VIO (25°C) (Max) (mV)	Price Each				
									1	25	100	250	
Emitter, Open Collector													
595-LM211D	LM211D	SOIC-8	1	6	50	0.115	3.5/30	3	.48	.36	.27	.199	
595-LM211P	LM211P	PDIP-8	1	6	50	0.115	3.5/30	3	.44	.33	.264	.22	
Open Collector, Open Drain													
595-LM139D	LM139D	SOIC-14	4	0.5	6	0.3	2/36	5	1.14	.95	.76	.57	
595-LM139ADR	LM139ADR	SOIC-14	4	0.5	6	0.3	2/36	2	1.70	1.36	1.02	.952	
595-LM193DR	LM193DR	SOIC-8	4	0.5	6	0.3	2/36	5	.84	.63	.472	.348	
595-LM239N	LM239N	PDIP-14	4	0.5	6	0.3	2/30	5	.43	.36	.27	.20	
595-LM2903D	LM2903D	SOIC-8	2	0.5	6	0.3	2/30	7	.44	.33	.264	.22	
595-LM2903P	LM2903P	PDIP-8	2	0.5	6	0.3	2/30	7	.40	.30	.24	.20	
595-LM2903PWR	LM2903PWR	TSSOP-8	2	0.5	6	0.3	2/30	7	.40	.30	.24	.21	
595-LM293D	LM293D	SOIC-8	2	0.5	6	0.3	2/30	5	.48	.36	.27	.199	
595-LM311D	LM311D	SOIC-8	1	7.5	50	0.115	3.5/30	7.5	.44	.33	.264	.22	
595-LM311P	LM311P	PDIP-8	1	7.5	50	0.115	3.5/30	7.5	.40	.30	.24	.20	
595-LM3302N	LM3302N	PDIP-14	4	0.2	6	0.3	2/28	20	.72	.60	.45	.332	
595-LM339D	LM339D	SOIC-14	4	0.5	6	0.3	2/30	5	.45	.36	.27	.18	
595-LM339N	LM339N	PDIP-14	4	0.5	6	0.3	2/30	5	.40	.36	.27	.18	
595-LM339PWR	LM339PWR	TSSOP-14	4	0.5	6	0.3	2/30	5	.45	.36	.27	.189	
595-LM339AD	LM339AD	SOIC-14	4	0.5	6	0.3	2/30	2	.44	.33	.264	.22	
595-LM339AN	LM339AN	PDIP-14	4	0.5	6	0.3	2/30	2	.40	.30	.24	.20	
595-LM339APWR	LM339APWR	TSSOP-14	4	0.5	6	0.3	2/30	2	.40	.30	.24	.21	
595-LM393D	LM393D	SOIC-8	2	0.5	6	0.3	2/30	5	.45	.36	.27	.18	
595-LM393DGKR	LM393DGKR	MSOP-8	2	0.5	6	0.3	2/30	5	.40	.30	.24	.20	
595-LM393P	LM393P	PDIP-8	2	0.5	6	0.3	2/30	5	.40	.36	.27	.18	
595-LM393PWR	LM393PWR	TSSOP-8	2	0.5	6	0.3	2/30	5	.45	.36	.27	.189	
595-LM393AD	LM393AD	SOIC-8	2	0.5	6	0.3	4/30	2	.44	.33	.264	.22	
595-LM393AP	LM393AP	PDIP-8	2	0.5	6	0.3	4/30	2	.40	.30	.24	.20	
595-LMV331IDBVR	LMV331IDBVR	SOT-23-5	1	0.12	10	0.2	2.7/5.5	7	.96	.72	.54	.398	
595-LP339N	LP339N	PDIP-14	4	0.025	20	1.3	5/30	5	.54	.45	.337	.249	
595-TL331IDBVR	TL331IDBVR	SOT-23-5	1	0.7	6	0.3	2/36	5	.52	.39	.312	.273	
595-TLC372CP	TLC372CP	PDIP-8	2	0.15	6	0.2	3/16	5	.72	.67	.54	.405	
595-TLC372IP	TLC372IP	PDIP-8	2	0.15	6	0.2	3/16	5	.81	.74	.592	.444	
595-TLC372MD	TLC372MD	SOIC-8	2	0.3	6	0.2	4/16	5	1.05	.87	.70	.525	
595-TLC339IDR	TLC339IDR	SOIC-14	4	0.02	6	1	3/16	14.5	1.14	.92	.691	.645	
595-TLC393CP	TLC393CP	PDIP-8	2	0.02	6	1.1	3/16	5	.62	.504	.378	.352	
595-TLV3401IDBVR	TLV3401IDBVR	SOT-23-5	1	0.00055	-	80	2.5/16	3.6	1.62	1.30	.975	.91	
595-TLV3402IDR	TLV3402IDR	MSOP-8	2	0.00055	-	80	2.5/16	3.6	2.25	1.80	1.35	1.26	
Push-Pull													
595-TLC3702CP	TLC3702CP	PDIP-8	2	0.02	4	1.1	3/16	5	.70	.65	.52	.39	
595-TLV3012AIDBVT	TLV3012AIDBVT	SOT-23-6	1	0.005	-	6	1.8/5.5	12	1.92	1.70	1.27	1.19	
595-TLV3012AIDCKT	TLV3012AIDCKT	SC70-6	1	0.005	-	6	1.8/5.5	12	2.12	1.70	1.27	1.19	
595-TLV3501AID	TLV3501AID	SOIC-8	1	5	-	0.0045	2.2/5.5	6.5	3.70	2.97	2.31	2.18	
595-TLV3501AIDBVT	TLV3501AIDBVT	SOT-23-6	1	5	-	0.0045	2.2/5.5	6.5	3.71	2.97	2.31	2.19	
595-TLV3502AID	TLV3502AID	SOIC-8	2	5	-	0.0045	2.2/5.5	6.5	5.51	4.41	3.43	3.25	
595-TLV3701CDBVT	TLV3701CDBVT	SOT-23-5	1	0.0008	-	36	2.5/16	5	1.47	1.30	.975	.91	
595-TLV3701IDBVT	TLV3701IDBVT	SOT-23-5	1	0.0008	-	36	2.5/16	5	1.75	1.40	1.05	.98	
595-TLV3701IP	TLV3701IP	PDIP-8	1	0.0008	-	36	2.5/16	5	1.62	1.30	.975	.91	