

General Purpose Amplifiers

Type	Polarity	Maximum Ratings				Electrical Characteristics @ 25° C						Package
		PD Ambient mW	VCB Volts	VCE Volts	VEB Volts	HFE @ IC		VCE(Sat) @ IC/IB		f _t MHz Min	C _{ob} pF Max	
						Min/Max	mA	Volts	mA/mA			
2N497	NPN	800	60	60	8	12/36	200	5.0	200/40	40†	20†	TO-39
2N498	NPN	800	100	100	8	12/36	200	5.0	200/40	40†	20†	TO-39
2N656	NPN	800	60	60	8	30/90	200	5.0	200/40	40†	20†	TO-39
2N657	NPN	800	100	100	8	30/90	200	5.0	200/40	40†	20†	TO-39
2N696	NPN	600	60	40*	5	20/60	150	1.5	150/15	40	35	TO-39
2N697	NPN	600	60	40*	5	40/120	150	1.5	150/15	50	35	TO-39
2N697A	NPN	800	60	35	5	40/120	150	1.5	150/15	50	35	TO-39
2N698	NPN	600	120	60	7	20/60	150	5.0	150/15	40	15	TO-39
2N699	NPN	800	120	80*	5	40/120	150	5.0	150/15	50	20	TO-39
2N699A	NPN	800	120	80*	5	40/120	150	5.0	150/15	50	20	TO-39
2N699B	NPN	800	120	80	7	40/120	150	5.0	150/15	60	15	TO-39
2N717	NPN	400	60	40*	5	20/60	150	1.5	150/15	40	35	TO-18
2N718	NPN	400	60	40*	5	40/120	150	1.5	150/15	50	35	TO-18
2N718A	NPN	500	75	50*	7	40/120	150	1.5	150/15	60	25	TO-18
2N719	NPN	400	120	80*	5	20/60	150	5.0	150/15	40	20	TO-18
2N720	NPN	400	120	80*	5	40/120	150	5.0	150/15	50	20	TO-18
2N720A	NPN	500	120	80*	7	40/120	150	5.0	150/15	50	15	TO-18
2N721	PNP	400	50	35	5	20/45	150	1.5	150/15	50	45	TO-18
2N722	PNP	400	50	35	5	30/90	150	1.5	150/15	50	45	TO-18
2N730	NPN	500	60	40*	5	20/60	150	1.5	150/15	40	35	TO-18
2N731	NPN	500	60	40*	5	40/120	150	1.5	150/15	50	35	TO-18
2N870	NPN	500	100	60	7	40/120	150	5.0	150/15	50	15	TO-18
2N871	NPN	500	100	60	7	100/300	150	5.0	150/15	60	15	TO-18
2N910	NPN	500	100	60	7	75/-	10	1.2	50/5	60	15	TO-18
2N911	NPN	500	100	60	7	35/-	10	1.2	50/5	50	15	TO-18
2N912	NPN	500	100	60	7	15/-	10	1.2	50/5	40	15	TO-18
2N956	NPN	500	75	50*	7	100/300	150	1.5	150/15	70	25	TO-18
2N1131	PNP	600	50	35	5	20/45	150	1.5	150/15	50	45	TO-39
2N1132	PNP	600	50	35	5	30/90	150	1.5	150/15	50	45	TO-39
2N1420	NPN	600	60	30*	5	100/300	150	1.5	150/15	50	35	TO-39
2N1507	NPN	600	60	30*	5	100/300	150	1.5	150/15	50	35	TO-39
2N1613	NPN	800	75	50*	7	40/120	150	1.5	150/15	60	25	TO-39
2N1613A	NPN	1000	75	50*	7	40/120	150	1.0	150/15	60	25	TO-39
2N1613B	NPN	1000	120	50	7	40/120	150	0.2	150/15	60	10	TO-39
2N1711	NPN	800	75	50*	7	100/300	150	1.5	150/15	70	25	TO-39
2N1711A	NPN	1000	75	50*	7	100/300	150	1.0	150/15	70	25	TO-39
2N1711B	NPN	1000	120	50	7	100/300	150	0.2	150/15	70	10	TO-39
2N1889	NPN	800	100	60	7	40/120	150	5.0	150/15	50	15	TO-39
2N1890	NPN	800	100	60	7	100/300	150	5.0	150/15	60	15	TO-39
2N1893	NPN	800	120	80	7	40/120	150	5.0	150/15	50	15	TO-39
2N1893A	NPN	800	140	80	7	40/120	150	2.0	150/15	100	8	TO-39
2N1973	NPN	800	100	60	7	75/-	10	0.4	10/1	60	15	TO-39
2N1975	NPN	800	100	60	7	15/-	10	0.4	10/1	60	15	TO-39
2N1986	NPN	600	50	25	5	60/240	150	1.5	150/15	40	35	TO-39
2N1988	NPN	600	100	45	5	35/120	30	2.0	30/3	40	20	TO-39

*BV_{CE}R < 10Ω

†Typical Values

