

## NPN GENERAL PURPOSE MEDIUM SPEED AMPLIFIERS (Cont'd)

Type NPN	Maximum Ratings				Electrical Characteristics @ 25°C						Case
	Pd Ambient mW	VCB Volts	VCE Volts	VEB Volts	HFE @ IC		VCE(Sat) @ IC/IB		ft MHz Min	Cob pF Max	
					Min/Max	mA	Volts	mA/mA			
2N2353	400	45	25	5	20/	150	0.35	150/15	50	15	TO-46
2N2195A	800	45	25	5	20/	150	0.25	150/15	50	20	TO-5
2N2353A	400	45	25	5	20/	150	0.25	150/15	50	15	TO-46
2N4383	800	40	30	5	100/500	0.01	0.35	150/15	120	8	TO-5
2N4384	360	40	30	5	100/500	0.01	0.35	150/15	120	8	TO-18
2N2297	800	80	35	7	40/120	150	1	1A/.1A	60	25	TO-5
2N2909	400	60	40	5	40/120	150	0.35	150/15	50	15	TO-46
2N3242A	500	40	40	8	125/300	10	0.3	300/30	150	20	TO-18
2N3946	360	60	40	6	50/150	10	3	50/5	250	5	TO-18
2N3947	360	60	40	6	100/300	10	3	50/5	250	5	TO-18
2N3053	800	60	40	5	50/250	150	1.4	150/15	100	15	TO-5
2N2645	500	75	40	7	100/300	150	0.4	10/1	50	25	TO-18
2N3110	800	80	40	7	40/120	150	1	1A/.1A	70	20	TO-5
2N3109	800	80	40	7	100/300	150	1	1A/.1A	70	20	TO-5
2N2194	800	60	40	5	20/60	150	0.35	150/15	50	20	TO-5
2N2352	400	60	40	5	20/60	150	0.35	150/15	50	15	TO-46
2N2194A	800	60	40	5	20/60	150	0.25	150/15	50	15	TO-5
2N2352A	400	60	40	5	20/60	150	0.25	150/15	50	15	TO-46
2N2194B	800	60	40	5	20/60	150	0.18	150/15	50	20	TO-5
2N2192	800	60	40	5	100/300	150	0.35	150/15	50	20	TO-5
2N2350	400	60	40	5	100/300	150	0.35	150/15	50	15	TO-46
2N2192A	800	60	40	5	100/300	150	0.25	150/15	50	20	TO-5
2N2350A	400	60	40	5	100/300	150	0.25	150/15	50	15	TO-46
2N2192B	800	60	40	5	100/300	150	0.18	150/15	50	20	TO-5
2N2270	800	60	45	7	50/200	150	0.9	150/15	70	15	TO-5
2N2897	500	60	45	7	50/200	150	0.5	500/50	100	15	TO-18
2N1613	800	75	50*	7	40/120	150	1.5	150/15	70	25	TO-5
2N718A	500	75	50*	7	40/120	150	1.5	150/15	60	25	TO-18
2N1711	800	75	50*	7	100/300	150	1.5	150/15	80	25	TO-5
2N2193	800	80	50	8	40/120	150	0.35	150/15	50	20	TO-5
2N2351	400	80	50	8	40/120	150	0.35	150/15	50	15	TO-46
2N2193A	800	80	50	8	40/120	150	0.25	150/15	50	20	TO-5
2N2351A	400	80	50	8	40/120	150	0.25	150/15	50	15	TO-46
2N2193B	800	80	50	8	40/120	150	0.18	150/15	50	20	TO-5
2N1889	800	100	60	7	40/120	150	5	150/15	80	15	TO-5
2N1890	800	100	60	7	100/300	150	5	150/15	90	15	TO-5
2N3108	800	100	60	7	40/120	150	1	1A/.1A	70	20	TO-5
2N3056	400	100	60	7	40/120	150	0.25	150/15	80	12	TO-46
2N3107	800	100	60	7	100/300	150	1	1A/.1A	80	20	TO-5
2N3057	400	100	60	7	100/300	150	0.25	150/15	80	12	TO-46
2N2106	1000	60	60	8	12/36	200	5	200/40	50	80	TO-5
2N2107	1000	60	60	8	30/90	200	2	200/40	50	80	TO-5
2N2108	1000	60	60	8	75/200	200	2	200/10	50	80	TO-5
2N2196	2000	80	60	8	30/90	200	2	200/40	40	60	F-8
2N2197	2000	80	60	8	75/200	200	2	200/10	40	60	F-8
2N2102	1000	120	65	7	40/120	150	0.5	150/15	60	15	TO-5
2N2895	500	120	65	7	40/120	150	0.5	500/50	120	15	TO-18
2N2898	400	120	65	7	40/120	150	0.5	500/50	120	15	TO-46
2N699	800	120	80*	5	40/120	150	5	150/15	50	20	TO-5
2N699B	800	120	80	7	40/120	150	5	150/15	60	15	TO-5
2N1893	800	120	80	7	40/120	150	5	150/15	50	15	TO-5
2N3020	800	140	80	7	40/120	150	0.2	150/15	100	12	TO-5
2N2364	400	120	80	7	40/120	150	0.35	150/15	50	15	TO-46
2N2364A	400	120	80	7	40/120	150	0.25	150/15	50	15	TO-46
2N3056A	400	140	80	7	40/120	1150	0.2	150/15	80	12	TO-46
2N3701	500	140	80	7	40/120	150	0.2	150/15	80	12	TO-18
2N3262	1000	100	80	4	40/	500	0.6	1A/.1A	150	20	TO-5
2N3019	800	140	80	7	100/300	150	0.2	150/15	100	12	TO-5
2N3057A	400	140	80	7	100/300	150	0.2	150/15	100	12	TO-46
2N3700	500	140	80	7	100/300	150	0.2	150/15	100	12	TO-18
2N2405	1000	120	90	7	60/200	150	0.5	150/15	50	15	TO-5
2N2899	400	140	90	7	60/200	150	0.5	500/50	120	15	TO-46
2N2896	500	140	90	7	60/200	150	0.5	500/50	120	15	TO-46
2N4924	1000	100	100	5	40/200	150	0.4	50/5	100	10	TO-5
2N2443	800	120	100	7	40/120	150	1.2	50/5	50	15	TO-5