

GENERAL PURPOSE HIGH SPEED AMPLIFIERS

Type	Polarity	Maximum Ratings				Electrical Characteristics @ 25°C								Package
		P _D Ambient mW	V _{CB} Volts	V _{CE} Volts	V _{EB} Volts	H _{FE} @ I _C		V _{CE} (Sat) @ I _C /I _B		f _t	C _{ob}	t _{ON}	t _{OFF}	
						Min/Max	mA	Volts	mA/mA	MHz Min	pF Max	ns Max	ns Max	
2N721A	PNP	500	50	35	5	20/45	150	0.5	150/15	50	40	—	—	TO-18
2N722A	PNP	500	50	35	5	30/90	150	0.5	150/15	60	40	—	—	TO-18
2N1132A	PNP	750	60	40	5	30/90	150	1.5	150/15	60	30	45	35	TO-39
2N1132B	PNP	600	70	45	6	30/90	150	1.5	150/15	60	30	45	35	TO-39
2N2217	NPN	800	60	30	5	20/60	150	0.4	150/15	250	8	35*	285*	TO-5
2N2218	NPN	800	60	30	5	40/120	150	1.6	500/50	250	8	35*	285*	TO-5
2N2218A	NPN	800	75	40	6	40/120	150	1.6	500/50	250	8	35	285	TO-5
2N2219	NPN	800	60	30	5	100/300	150	1.6	500/50	250	8	35*	285*	TO-5
2N2219A	NPN	800	75	40	6	100/300	150	1.6	500/50	300	8	35	285	TO-5
2N2220	NPN	500	60	30	5	20/60	150	0.4	150/15	250	8	35*	285*	TO-18
2N2221	NPN	500	60	30	5	40/120	150	1.6	500/50	250	8	35*	285*	TO-18
2N2221A	NPN	500	75	40	6	40/120	150	1.6	500/50	250	8	35	285	TO-18
2N2222	NPN	500	60	30	5	100/300	150	1.6	500/50	250	8	35*	285*	TO-18
2N2222A	NPN	500	75	40	6	100/300	150	1.6	500/50	300	8	35	285	TO-18
2N2236	NPN	600	40	20	6	15/60	100	0.25	100/20	50	35	30	600	TO-5
2N2237	NPN	600	40	20	6	40/125	100	0.25	100/20	50*	35	25	600	TO-5
2N2380	NPN	600	80	40	5	20/120	150	1.3	150/15	100	14	125	195	TO-5
2N2380A	NPN	600	80	40	5	20/120	150	1.3	150/15	100	14	125	195	TO-5
2N2479	NPN	600	80	40	5	30/120	150	0.85	150/15	150	14	100*	185	TO-5
2N2696	PNP	360	25	25	4	30/130	50	1.0	300/30	100	20	75	170	TO-18
2N2800	PNP	800	50	35	5	30/90	150	1.2	500/50	120	25	70	270	TO-5
2N2801	PNP	800	50	35	5	75/225	150	1.2	500/50	120	25	70	270	TO-5
2N2837	PNP	500	50	35	5	30/90	150	1.2	500/50	120	25	70	270	TO-18
2N2838	PNP	500	50	35	5	75/225	150	1.2	500/50	120	25	70	270	TO-18
2N2904	PNP	500	60	40	5	40/120	150	1.6	500/50	200	8	45	100	TO-5
2N2904A	PNP	600	60	60	5	40/120	150	1.6	500/50	200	8	45	100	TO-5
2N2905	PNP	600	60	40	5	100/300	150	1.6	500/50	200	8	45	100	TO-5
2N2905A	PNP	600	60	60	5	100/300	150	1.6	500/50	200	8	45	100	TO-5
2N2906	PNP	400	60	40	5	40/120	150	1.6	500/50	200	8	45	100	TO-18
2N2906A	PNP	400	60	60	5	40/120	150	1.6	500/50	200	8	45	100	TO-18
2N2907	PNP	400	60	40	5	100/300	150	1.6	500/50	200	8	45	100	TO-18
2N2907A	PNP	400	60	60	5	100/300	150	1.6	500/50	200	8	45	100	TO-18
2N2958	NPN	600	60	20	5	40/120	150	0.5	150/15	250	8	95	500	TO-18
2N2959	NPN	600	60	20	5	100/300	150	0.5	150/15	250	8	95	500	TO-5
2N2960	NPN	600	60	30	5	100/300	150	0.5	150/15	250	8	95	500	TO-5
2N2961	NPN	600	60	30	5	100/300	150	2.0	500/50	250	8	95	500	TO-5
2N3072	PNP	800	60	60	4	30/130	50	1.0	300/30	130	10	40	100	TO-5
2N3073	PNP	360	60	60	4	30/130	50	1.0	300/30	130	10	40	100	TO-18
2N3081	PNP	600	70	50	6	30/90	150	1.4	500/50	150	13	60	175	TO-5
2N3115	NPN	400	60	20	5	40/120	150	0.5	150/15	250	8	95	500	TO-18
2N3116	NPN	400	60	20	5	100/300	150	0.5	150/15	250	8	95	500	TO-18
2N3120	PNP	800	45	45	4	30/130	50	1.0	500/50	130	10	40	100	TO-5
2N3121	PNP	360	45	45	4	30/130	50	1.0	500/50	130	10	40	100	TO-18
2N3133	PNP	600	50	35	4	40/120	150	0.6	150/15	200	10	75	150	TO-5
2N3134	PNP	600	50	35	4	100/300	150	0.6	150/15	200	10	75	150	TO-5
2N3135	PNP	400	50	35	4	40/120	150	0.6	150/15	200	10	75	150	TO-18
2N3136	PNP	400	50	35	4	100/300	150	0.6	150/15	200	10	75	150	TO-18
2N3250	PNP	360	50	40	5	50/150	10	0.5	50/5	250	6	70	225	TO-18
2N3250A	PNP	360	60	60	5	50/150	10	0.5	50/5	250	6	70	225	TO-18
2N3251	PNP	360	50	40	5	100/300	10	0.5	50/5	300	6	70	250	TO-18
2N3251A	PNP	360	60	60	5	100/300	10	0.5	50/5	300	6	70	250	TO-18
2N3299	NPN	800	60	30	5	40/120	150	0.6	500/50	250	8	60	150	TO-5
2N3300	NPN	800	60	30	5	100/300	150	0.6	500/50	250	8	60	150	TO-5
2N3301	NPN	360	60	30	5	40/120	150	0.6	500/50	250	8	60	150	TO-18
2N3302	NPN	360	60	30	5	100/300	150	0.6	500/50	250	8	60	150	TO-18
2N3326	NPN	800	60	45	5	40/120	150	1.6	500/50	250	8	45	340	TO-5

* Typical Values