

Medium Power Amplifiers and Switches

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H _{FE}		I _C (mA)	V _{CE} (V)	V _{CE(sat)}		f _T min (MHz)	C _{ob} max (MHz)	COMPLEMENTARY TYPE
			P _a (mW)	I _C (A)	V _{CEO} (V)	min	max			max (V)	I _C (A)			
2N3794	N	TO-92B	250	0.5	20	100	600	10	10	0.4	0.1	100	10	-
2N3945	N	TO-39	5000□	1	50	40	250	150	10	0.5	0.15	60	12	-
2N4029	P	TO-18	500	1	80	100	300	100	5	0.5	0.5	150+	20	-
2N4030	P	TO-39	800	1	60	40	120	100	5	0.5	0.5	100	20	2N3108
2N4031	P	TO-39	800	1	80	40	120	100	5	0.5	0.5	100	20	2N3020
2N4032	P	TO-39	800	1	60	100	300	100	5	0.5	0.5	150	20	2N3107
2N4033	P	TO-39	800	1	80	100	300	100	5	0.5	0.5	150	20	2N3109
2N4036	P	TO-39	1000	1	65	40	140	150	10	0.65	0.15	60	30	2N2102
2N4037	P	TO-39	1000	1	40	50	250	150	10	1.4	0.15	60	30	2N3053
2N4234	P	TO-39	1000	3	40	30	150	250	1	0.6	1	3	100	2N4237
2N4235	P	TO-39	1000	3	60	30	150	250	1	0.6	1	3	100	2N4238
2N4236	P	TO-39	1000	1	80	30	150	250	1	0.6	1	3	100	2N4239
2N4237	N	TO-39	1000	1	40	30	150	250	1	0.6	1	2	100	2N4234
2N4238	N	TO-39	1000	1	60	30	150	250	1	0.6	1	2	100	2N4235
2N4239	N	TO-39	1000	1	80	30	150	250	1	0.3	0.5	2	100	2N4236
2N4314	P	TO-39	1000	1	65	50	250	150	10	14	0.15	60	30	-
2N4400	N	TO-92A	500	0.6	40	50	150	150	1	0.75	0.5	200	6.5	2N4402
2N4401	N	TO-92A	500	0.6	40	100	300	150	1	0.75	0.5	250	6.5	2N4403
2N4402	P	TO-92A	500	0.6	40	50	150	150	1	0.75	0.5	150	8.5	2N4400
2N4403	P	TO-92A	500	0.6	40	100	300	150	1	0.75	0.5	200	8.5	2N4401
2N4409	N	TO-92A	625	0.25	50	60	400	10	1	0.2	0.001	60	12	-
2N4424	N	TO-92B	625	0.5	40	180	540	2	4.5	0.3	0.05	-	-	-
2N4951	N	TO-92B	360	0.5	30	60	200	150	10	0.3	0.15	250	8	-
2N4952	N	TO-92B	360	0.5	30	100	300	150	10	0.3	0.15	250	8	-
2N4953	N	TO-92B	360	0.5	30	200	600	150	10	0.3	0.15	250	8	-
2N4954	N	TO-92B	360	0.5	30	60	600	150	10	0.3	0.15	250	8	-
2N5022	P	TO-39	1000	0.5	50	25	100	500	1	0.2	1	170	25	-
2N5023	P	TO-39	1000	0.5	30	40	100	500	1	0.17	0.1	200	25	-
2N5042	P	TO-39	800	1	40	40	150	150	1	1.3	1	100	35	2N3110
2N5220	N	TO-92A	350	0.5	15	30	600	50	10	0.5	0.15	100	10	2N5221
2N5221	P	TO-92A	350	0.5	15	30	600	50	10	0.5	0.15	100	15	2N5220
2N5225	N	TO-92A	350	0.2	25	30	600	50	10	0.8	0.1	50	20	2N5226
2N5226	P	TO-92A	350	0.2	25	30	600	50	10	0.8	0.1	50	20	2N5225
2N5354	P	TO-92B	360	0.5	25	40	120	50	1	1	0.3	100	8	-
2N5355	P	TO-92B	360	0.5	25	100	300	50	1	1	0.3	100	8	-
2N5356	P	TO-92B	360	0.5	25	250	500	50	1	1	0.3	100	8	-
2N5365	P	TO-92B	360	0.5	40	40	120	50	1	1	0.3	100	8	-
2N5366	P	TO-92B	360	0.5	40	100	300	50	1	1	0.3	100	8	-
2N5367	P	TO-92B	360	0.5	40	250	500	50	1	1	0.3	100	8	-
2N5368	N	TO-92F	500	0.5	30	60	200	150	10	0.3	0.15	250	8	2N5372
2N5369	N	TO-92F	500	0.5	30	100	300	150	10	0.3	0.15	250	8	2N5373
2N5370	N	TO-92F	500	0.5	30	200	600	150	10	0.3	0.15	250	8	2N5374
2N5371	N	TO-92F	500	0.5	30	60	600	150	10	0.3	0.15	250	8	2N5375
2N5372	P	TO-92F	500	0.5	30	40	120	150	10	0.3	0.15	150	10	2N5368
2N5373	P	TO-92F	500	0.5	30	100	300	150	10	0.3	0.15	150	10	2N5369
2N5374	P	TO-92F	500	0.5	30	200	400	150	10	0.3	0.15	150	10	2N5370
2N5375	P	TO-92F	500	0.5	30	40	400	150	10	0.3	0.15	150	12	2N5371
2N5418	N	TO-92B	400	0.5	25	40	120	50	1	1	0.3	-	6	-
2N5419	N	TO-92B	400	0.5	25	100	300	50	1	1	0.3	-	6	-
2N5420	N	TO-92B	400	0.5	25	250	500	50	1	1	0.3	-	6	-
2N5447	P	TO-92F	500	0.2	25	60	300	50	5	0.25	0.05	100	12	2N5449
2N5448	P	TO-92F	500	0.2	30	30	150	50	5	0.25	0.05	100	12	2N5450
2N5449	N	TO-92F	500	0.8	30	100	300	50	2	0.6	0.1	100	12	2N5447
2N5450	N	TO-92F	500	0.8	30	50	150	50	2	0.8	0.1	100	12	2N5448
2N5451	N	TO-92F	500	0.8	20	30	600	50	2	1	0.1	100	12	-

HFE grouping available + typical value □ Tc=25°C * VCER