

Medium Power Amplifiers and Switches

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H _{FE}				V _{CE(SAT)}		f _T min (MHz)	Cob max (pF)	COMPLEMENTARY TYPE
			P _d (mW)	I _C (A)	V _{CEO} (V)	min	max	I _C (mA)	V _{CE} (V)	max (V)	I _C (A)			
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	1.4	0.15	60	30	—
2N4400	N	TO-92A	500◆	0.6	40	50	150	150	11	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	—	—	—
2N4944	N	TO-106	600	0.5	40	40	120	150	1	0.25	0.15	60	25	—
2N4945	N	TO-106	600	0.5	60	40	120	150	1	0.25	0.15	60	20	—
2N4946	N	TO-106	600	0.5	40	100	300	150	1	0.25	0.15	60	25	—
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	—
2N4969	N	TO-106	200	0.5	30	40	120	150	10	0.4	0.4	200	8	—
2N4970	N	TO-106	200	0.5	30	100	350	150	10	0.4	0.15	200	8	—
2N4971	P	TO-106	200	0.5	40	40	120	150	10	0.15	0.15	200	8	—
2N4972	P	TO-106	200	0.5	40	100	300	150	10	0.4	0.15	200	8	—
2N5022	P	TO-39	1000	0.5	50	25	100	500	1	0.2	0.1	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
2N5143	P	TO-106	200	0.5	20	30	—	50	1	2	0.3	100	10	—
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	—
2N5810	N	TO-92F	625	0.75	25	60	200	2	2	0.75	0.5	100	15	2N5811
2N5811	P	TO-92F	625	0.75	25	60	200	2	2	0.75	0.5	100	15	2N5810
2N5812	N	TO-92F	625	0.75	25	150	500	2	2	0.75	0.5	135	15	2N5813
2N5813	P	TO-92F	625	0.75	25	150	500	2	2	0.75	0.5	135	15	2N5812
2N5814	N	TO-92F	625	0.75	40	60	120	2	2	0.75	0.5	100	15	2N5815
2N5815	P	TO-92F	625	0.75	40	60	120	2	2	0.75	0.5	100	15	2N5814

◆ 310 mW in JEDEC registration

▲ 360 mW in JEDEC registration