

Medium Power Amplifiers and Switches

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			HFE		VCE(sat)				fT min (MHz)	Cob max (pF)	COMPLEMENTARY TYPE
			Pd (mW)	IC (A)	VCEO (V)	min	max	IC (mA)	VCE (V)	max (V)	(A)			
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	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
2N5816	N	TO-92F	625	0.75	40	100	200	2	2	0.75	0.5	120	15	2N5817
2N5817	P	TO-92F	625	0.75	40	100	200	2	2	0.75	0.5	120	15	2N5816
2N5818	N	TO-92F	625	0.75	40	150	300	2	2	0.75	0.5	135	15	2N5819
2N5819	P	TO-92F	625	0.75	40	150	300	2	2	0.75	0.5	135	15	2N5818
2N5820	N	TO-92F	625	1	60	60	120	2	2	0.75	0.5	140+	15	2N5821
2N5821	P	TO-92F	625	1	60	60	120	2	2	0.75	0.5	140+	15	2N5820
2N5822	N	TO-92F	625	1	60	100	200	2	2	0.75	0.5	140+	15	2N5823
2N5823	P	TO-92F	625	1	60	100	200	2	2	0.75	0.5	140+	15	2N5822

+ typical value