

# 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)			
2N6428	N	TO-92A	625	0.2	50	200	-	2	5	0.6	0.1	100	3	-
2N6714	N	TO-237	1200*	2	30	50	250	1000	1	0.5	0.1	50	-	2N6726
2N6715	N	TO-237	1200*	2	40	50	250	1000	1	0.5	1	50	-	2N6727
2N6716	N	TO-237	1200*	2	60	50	250	250	1	0.35	0.25	50	-	2N6728
2N6726	P	TO-237	1200*	2	30	50	250	1000	1	0.5	0.1	50	-	2N6714
2N6727	P	TO-237	1200*	2	40	50	250	1000	1	0.5	1	50	-	2N6715
2N6728	P	TO-237	1200*	2	60	50	250	250	1	0.35	0.25	50	-	2N6716
2N6732	P	TO-237	1200*	1	80	100	300	350	2	0.35	0.35	50	-	-
2SA497	P	TO-39	600	0.8	80	40	240 #	200	2	0.8	0.2	70+	33+	2SC497
2SA498	P	TO-39	600	0.8	50	40	240 #	200	2	0.8	0.2	70+	33+	2SC498
2SA503	P	TO-39	800	0.6	50	30	300 #	150	2	0.5	0.15	50	30	2SC503
2SA504	P	TO-39	800	0.6	30	30	300 #	150	2	0.5	0.15	50	30	2SC504
2SA532	P	TO-39	500	0.2	50	40	320 #	50	6	1.5	0.1	100+	-	-
2SA539	P	TO-92B	250	0.2	45	50	232 #	50	1	0.5	0.5	100	5.5+	2SC815
2SA544	P	TO-39	750	0.2	45	40	200 #	10	10	0.4	0.03	80	7	-
2SA562	P	TO-92B	500	0.5	30	70	400 #	100	1	0.25	0.1	150+	15	-
2SA606	P	TO-39	700	0.7	80	40	200 #	200	5	2	0.5	50	50	-
2SA642	P	TO-92B	250	0.3	15	65	400 #	50	1	0.6	0.3	180+	30	2SD227
2SA643	P	TO-92B	500	0.5	20	60	285 #	100	1	0.6	0.5	110+	30	2SD261
2SA659	P	TO-92B	300	0.2	50	40	320 #	50	6	1.5	0.1	90+	-	2SC1175
2SA683	P	TO-92B	750	1	25	60	340 #	500	10	0.4	0.5	200+	30	2SC1383
2SA708	P	TO-39	800	0.7	60	80	240 #	50	2	0.7	0.5	100+	25+	-
2SA719	P	TO-92B	400	0.5	25	60	340 #	150	10	0.6	0.5	160+	15	2SC1317
2SA720	P	TO-92B	400	0.5	50	60	340 #	150	10	0.6	0.5	160+	15	2SC1318
2SA723	P	TO-92B	250	0.5	20	60	285 #	100	1	0.6	0.5	110+	-	2SD327
2SA733	P	TO-92B	250	0.1	40	60	600 #	1	6	0.5	0.03	50	12	2SC945
2SA817	P	TO-92B	600	0.3	80	70	240 #	50	2	0.4	0.2	100+	17+	2SC1627
2SA817A	P	TO-92B	800	0.4	80	130	-	50	5	0.2+	0.15	100	14	-
2SA890	P	TO-92A	625	0.5	25	60	340 #	150	10	0.6	0.5	200+	15	2SC1851
2SA891	P	TO-92A	625	0.5	50	60	340 #	150	10	0.6	0.5	200+	15	2SC1852
2SA950	P	TO-92B	600	0.8	25	100	320 #	100	1	0.7	0.5	120+	19+	2SC2120
2SA952	P	TO-92B	600	0.7	25	90	400 #	100	1	0.6	0.7	50	25	-
2SB504A	P	TO-92B	1500□	2	80	40	300	500	2	1	1	-	-	-
2SB560	P	TO-92B	750	0.7	80	60	320 #	50	5	0.8	0.5	100+	15+	2SD438
2SB564	P	TO-39	1000	1	25	90	400	100	1	0.35	1	-	-	2SD471
2SB598	P	TO-92B	500	1	20	60	560 #	50	2	0.5	0.5	180+	15+	2SD545
2SB621	P	TO-92B	750	1	25	85	340 #	500	10	0.4	0.5	200+	30	2SD592
2SB621A	P	TO-92B	750	1	50	85	340 #	500	10	0.4	0.5	200+	30	2SD592A
2SC32	N	TO-39	750	0.2	25	40	110	10	10	0.5	0.03	120	7	-
2SC497	N	TO-39	600	0.8	80	40	240 #	200	2	0.8	0.2	50+	15+	2SA497
2SC498	N	TO-39	600	0.8	50	40	240 #	200	2	0.8	0.2	15+	15+	2SA498
2SC503	N	TO-39	800	0.6	30	30	300 #	150	2	0.5	0.15	15	30	2SA503
2SC504	N	TO-39	800	0.6	30	30	300 #	150	2	0.5	0.15	50	30	2SA504
2SC815	N	TO-92B	250	0.2	45	50	232 #	50	1	0.5	0.15	100	8	2SA539
2SC875	N	TO-39	500	0.2	75	40	320 #	50	6	1.5	0.1	170+	5+	-
2SC876	N	TO-39	500	0.2	50	40	320 #	50	6	0.15	0.1	170+	5+	-
2SC933	N	TO-92B	300	0.3	30	40	560 #	20	6	-	-	-	-	-
2SC934	N	TO-92B	300	0.3	15	40	560 #	20	5	-	-	-	-	-
2SC938	N	TO-92B	250	0.2	60	50	232 #	50	1	0.5	0.15	150+	-	-
2SC959	N	TO-39	700	0.7	80	40	200 #	200	5	2	0.5	50	50	-

# HFE grouping available + typical value □ Tc=25°C \* Ptotp