

# 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)			
2SC1008	N	TO-39	800	0.7	60	80	240 #	50	2	0.7	0.5	75+	17+	-
2SC1175	N	TO-92B	300	0.2	50	40	320 #	50	6	1.5	0.1	170+	-	2SA659
2SC1209	N	TO-92B	500	0.7	20	55	300 #	500	1	0.5	0.5	150+	4.2+	-
2SC1317	N	TO-92B	400	0.5	25	60	340 #	150	10	0.6	0.5	200+	15	2SA719
2SC1318	N	TO-92B	400	0.5	50	60	340 #	150	10	0.6	0.5	200+	15	2SA720
2SC1346	N	TO-92B	600	0.5	25	60	340 #	150	10	0.6	0.5	200+	15	2SA730
2SC1347	N	TO-92B	600	0.5	50	60	340 #	150	10	0.6	0.5	200+	15	2SA731
2SC1672	N	TO-92B	600	0.3	80	70	240 #	50	2	0.4	0.2	100+	10+	2SA817
2SC1788	N	TO-92B	600	0.5	20	65	220 #	500	2	0.4	0.5	150+	15	-
2SC1851	N	TO-92A	625	0.5	25	60	340 #	150	10	0.6	0.5	200+	15	2SA890
2SC1852	N	TO-92A	625	0.5	50	90	340 #	150	10	0.6	0.5	200+	15	2SA891
2SC2001	N	TO-92B	600	0.7	25	90	400 #	100	1	0.6	0.7	50	25	-
2SC2120	N	TO-92B	600	0.8	25	100	320 #	100	1	0.5	0.5	120	13+	2SA950
2SD227	N	TO-92B	250	0.3	15	65	400 #	50	1	0.5	0.3	120+	-	2SA642
2SD327	N	TO-92B	250	0.5	20	60	285 #	100	1	0.6	0.5	120+	-	2SA723
2SD471	N	TO-92B	1000	1	25	90	400 #	100	1	0.35	1	-	-	2SB564
2SD545	N	TO-92B	500	1	20	60	560 #	50	2	0.3	0.5	180+	15+	2SA598
2SD592	N	TO-92B	750	1	25	85	340 #	500	10	0.4	0.5	200+	20	2SB621
2SD592A	N	TO-92B	750	1	50	85	340 #	500	10	0.4	0.5	200+	20	2SB621A
92PU01	N	TO-237A	2500□	2	30	60	-	100	1	0.5	1	50	30	92PU51
92PU01A	N	TO-237A	2500□	2	40	60	-	100	1	0.5	1	50	30	92PU51A
92PU02	N	TO-237A	2000□	0.8	40	50	300	150	10	0.4	0.15	150	10	92PU52
92PU05	N	TO-237A	2500□	2	60	20	-	500	1	0.5	0.25	50	30	92PU55
92PU06	N	TO-237A	2500□	2	80	20	-	500	1	0.5	0.25	50	30	92PU56
92PU07	N	TO-237A	2500□	2	100	20	-	500	1	0.5	0.25	50	30	92PU57
92PU45	N	TO-237A	2000□	2	40*	15K	-	500	5	1.5	1	100	-	92PU95
92PU45A	N	TO-237A	2000□	2	50*	15K	-	500	5	1.5	1	100	-	92PU95A
92PU51	P	TO-237A	2500□	2	50	60	-	100	1	0.5	1	50	30	92PU01
92PU51A	P	TO-237A	2500□	2	50	60	-	100	1	0.5	1	50	30	92PU01A
92PU52	P	TO-237A	2000□	0.8	40	50	300	150	10	0.4	0.15	150	24	92PU02
92PU55	P	TO-237A	2500□	2	60	20	-	500	1	0.5	1	50	30	92PU05
92PU56	P	TO-237A	2500□	2	80	20	-	500	1	0.5	1	50	30	92PU06
92PU57	P	TO-237A	2500□	2	100	20	-	500	1	0.5	1	50	30	92PU07
92PU95	P	TO-237A	2000□	2	40*	15K	-	500	5	1.5	1	50	-	92PU45

# HFE grouping available \* typical value □ To=25°C \* VCER