

# Medium Power Amplifiers and Switches

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H <sub>FE</sub>		I <sub>C</sub> (mA)	V <sub>CE</sub> (V)	V <sub>CE(sat)</sub>		f <sub>T</sub> min (MHz)	C <sub>ob</sub> max (MHz)	COMPLEMENTARY TYPE
			P <sub>d</sub> (mW)	I <sub>C</sub> (A)	V <sub>CEO</sub> (V)	min	max			max (V)	I <sub>C</sub> (A)			
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	-
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

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