

High Voltage Transistors

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H_{FE}				$V_{CE(SAT)}$		f_T min (MHz)	Cob Cre • max (pF)
			P_d (mW)	I_C I_{CM}^{\bullet} (mA)	V_{CEO} V_{CER}^{\bullet} (V)	min	max	I_C (mA)	V_{CE} (V)	max (V)	I_C (mA)		
2SA637	P	TO-18	300	50	150 •	30	—	15	3	1	15	40	10
2SA639	P	TO-92B	200	50	180	30	330	15	6	0.9	10	130+	4.5+
2SA675	P	TO-92B	250	100	80 •	50	300 #	20	3	1.5	20	100	10
2SA685	P	TO-92B	300	50	150 •	30	—	15	3	1	15	40	10
2SA749	P	TO-92B	250	50	100	50	—	20	1	0.3	50	40	3.5+
2SC505	N	TO-39	600	200	300	40	140 #	50	5	1	50	30	20
2SC506	N	TO-39	600	200	300	40	140 #	50	5	1	50	30	20
2SC507	N	TO-39	750	100	200	40	240 #	10	5	0.8	10	100	4
2SC526	N	TO-39	750	55	150	20	—	45	20	—	—	80	3.5 •
2SC1012	N	TO-39	2500 ▲	60	165 •	20	—	40	20	1	10	80	3 •
2SC1012A	N	TO-39	2500 ▲	60	250 •	20	—	40	20	10	60	80	3 •
2SC1033	N	TO-18	300	25	150	30	—	5	10	1	5	75	7 •
2SC1048	N	TO-39	600	25	200	40	200 #	25	10	1.3	25	40	4.2
2SC1103	N	TO-39	800	100	250	40	200	10	10	2	50	60	4
2SC1279	N	TO-92B	250	50	160	50	330	10	3	0.5	10	150+	4.5+
92PU10	N	TO-237A	2500 ▲	500	300	40	—	10	10	0.75	30	50	3
92PU60	P	TO-237A	2500 ▲	500	300	40	—	10	10	0.75	30	50	8

▲ $T_c = 25^{\circ}C$ # H_{FE} groupings available + Typical value