

# High Voltage Transistors

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H <sub>FE</sub>				V <sub>CE(sat)</sub>		f <sub>T</sub> (MHz)	C <sub>ob</sub> C <sub>re</sub> * max (MHz)
			P <sub>d</sub> (mW)	I <sub>C</sub> I <sub>CM</sub> * (mA)	V <sub>CEO</sub> V <sub>CER</sub> * (V)	min	max	I <sub>C</sub> (mA)	V <sub>CE</sub> (V)	max (V)	I <sub>C</sub> (mA)		
BC285	N	TO-18	360	100	120	30	-	5	30	0.5	10	50	4
BC312	N	TO-39	800	150	100	50	200	30	10	2	50	-	6+
BC393	P	TO-18	400	100	180	50	-	10	10	0.3	10	50	7
BC394	N	TO-18	400	100	180	30	-	10	10	0.3	10	50	5
BC450	P	TO-92F	350	200	100	50	460	2	5	0.25	100	100	-
BC530	P	TO-92A	625	100	120	40	180	10	5	0.25	50	100	6
BC531	P	TO-92A	625	100	150	60	240	10	5	0.25	50	100	6
BC532	N	TO-92A	625	100	140	60	250	10	5	0.15	10	100	6
BC533	N	TO-92A	625	100	160	80	250	10	5	0.15	10	100	6
BCW50	N	TO-18	500	100	120	18	-	3	10	-	-	50	5
BCX27	N	TO-92F	350	200	80	70	400	10	5	0.25	100	100	6
BCX28	P	TO-92F	350	200	80	70	400	10	5	0.25	100	100	6
BCX29	N	TO-92F	350	200	100	70	140	10	5	0.25	100	100	6
BCX30	P	TO-92F	350	200	100	70	140	10	5	0.25	100	100	6
BD115	N	TO-39	800	150	180	22	-	50	100	9	100	-	-
BF117	N	TO-39	680	100	140	25	-	30	10	1	30	40	4
BF120	N	TO-18	300	50	220	20	-	10	10	2	10	55	7
BF137	N	TO-39	380	100	160	25	-	30	10	1	30	50	4
BF156	N	TO-39	800	100	120	30	-	30	10	2	50	50	6
BF157	N	TO-39	800	100	150	30	-	30	10	2	50	50	6
BF174	N	TO-39	800	100	150	30	-	10	50	1	25	40	3.5*
BF177	N	TO-39	800	50	60	20	-	15	10	-	-	120+	3.5*
BF178	N	TO-39	800	50	115	20	-	30	20	-	-	120+	3.5*
BF179	N	TO-39	800	50	115	20	-	20	15	-	-	120+	3.5*
BF257	N	TO-39	800	100	160	25	-	30	10	1	30	50	5
BF258	N	TO-39	800	100	250	25	-	30	10	1	30	50	5
BF259	N	TO-39	800	100	300	25	-	30	10	1	30	50	5
BF294	N	TO-39	800	-	160	30	-	10	50	-	-	40	3.5
BF297	N	TO-92F	625	100	160	30	150	30	10	1	30	50	5
BF298	N	TO-92F	625	100	250	30	150	30	10	1	30	50	5
BF299	N	TO-92F	625	100	300	30	150	30	10	1	30	50	5
BF305	N	TO-39	600	50	150	20	-	30	20	-	-	50	3.5
BF336	N	TO-39	800	100	180	20	-	30	10	-	-	50	3.5*
BF337	N	TO-39	800	100	200	20	-	30	10	-	-	50	3.5*
BF338	N	TO-39	800	100	225	20	-	30	10	-	-	50	3.5*
BF391	N	TO-92A	625	500*	200	40	-	10	10	2	20	50	2*
BF392	N	TO-92A	625	500*	250	40	-	10	10	2	20	50	2*
BF393	N	TO-92A	625	500*	300	40	-	10	10	2	20	50	2*
BF397	P	TO-92F	625	100	90	40	250	10	10	0.5	10	-	-
BF398	P	TO-92F	625	100	150	30	200	10	10	0.5	10	-	-
BF421	P	TO-92B	625	200	300	40	-	25	20	-	-	60	-
BF422	N	TO-92B	625	200	250	50	-	25	20	-	-	60	1.6
BF423	P	TO-92B	625	200	250	50	-	25	20	-	-	60	-
BF491	P	TO-92A	625	500	200	40	-	10	10	2	20	50	1.6*
BF492	P	TO-92A	625	500	250	40	-	10	10	2	20	50	1.6*
BF493	P	TO-92A	625	500	300	40	-	10	10	2	20	50	1.6*

# HFE grouping available + typical value