

High Voltage Transistors

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H _{FE}				V _{CE(sat)}		f _T	C _{ob}
			P _d (mW)	I _C I _{CM} * (mA)	V _{CEO} V _{CER} * (V)	min	max	I _C (mA)	V _{CE} (V)	max (V)	I _C (mA)	min (MHz)	max (MHz)
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

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TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H _{FE}				V _{CE(sat)}		f _T	C _{ob}
			P _d (mW)	I _C I _{CM} * (mA)	V _{CEO} V _{CER} * (V)	min	max	I _C (mA)	V _{CE} (V)	max (V)	I _C (mA)	min (MHz)	max (MHz)
BFW43	P	TO-18	400	100	150	40	-	10	10	0.5	10	60	7
BFW44	P	TO-39	700	100	150	40	-	10	10	0.5	10	60	7
BFW45	N	TO-39	800	50	130	20	120	50	20	10	50	80	6
BFX98	N	TO-39	800	100	150	30	-	25	10	1	25	40	8
BFY57	N	TO-39	800	100	125	30	150	30	10	1.5	50	40	12
BFY80	N	TO-18	500	100	90	30	-	2	10	0.9	2	50	8
BSS38	N	TO-92F	300	100	80	20	-	4	1	0.7	4	60	-
BSV68	P	TO-18	250	100	100	30	-	25	5	0.25	25	50	5
BSY79	N	TO-18	300	30	120*	30	-	1	1	0.5	2	100+	4+
MH7301	N	TO-220	1250	100	160	40	-	30	10	1.5	30	50	5
MH7302	N	TO-220	1250	100	200	40	-	30	10	1.5	30	50	5
MH7303	N	TO-220	1250	100	250	40	-	30	10	1.5	30	50	5
MPSA42	N	TO-92A	625	100	300	40	-	30	10	0.5	20	50	3
MPSA43	N	TO-92A	625	100	200	50	200	30	10	0.4	20	50	4
MPSA92	P	TO-92A	625	500	300	25	-	30	10	0.5	20	50	6*
MPSA93	P	TO-92A	625	500	200	25	-	30	10	0.4	20	50	8*
MPSD01	N	TO-92A	625	100	200	20	-	30	10	-	-	40	3+
MPSD02	N	TO-92A	350	50	140	25	-	10	10	-	-	40	-
MPSD03	N	TO-92A	350	50	140	25	-	10	10	-	-	40	-
MPSD52	P	TO-92A	350	50	140	25	-	10	10	-	-	40	-
MPSD53	P	TO-92A	350	50	100	25	-	10	10	-	-	40	-
MPSL01	N	TO-92A	500	100	120	50	300	10	5	0.3	50	60	8
MPSL51	P	TO-92A	625	600	100	40	250	50	5	0.3	50	60	8
2N3114	N	TO-39	800	200	150	30	120	30	10	1	50	40	9
2N3634	P	TO-39	600	100	140	50	150	50	10	0.5	50	150	10
2N3742	N	TO-39	1000	100	300	20	200	30	10	1	10	30	6
2N3743	N	TO-39	1000	50	300	25	250	30	10	8	30	30	15
2N3923	N	TO-39	800	1000	150	30	120	25	10	1	25	40	3.5
2N4926	N	TO-39	1000	50	200	20	200	30	10	1	10	30	6
2N4927	N	TO-39	1000	50	250	20	200	30	10	1	10	30	6
2N4928	P	TO-39	600	100	100	25	200	10	10	0.5	10	100	6
2N5058	N	TO-39	1000	150	300	35	150	30	25	1	30	30	10
2N5059	N	TO-39	1000	150	250	30	150	30	25	1	30	30	10
2N5400	P	TO-92A	350	600	120	40	180	10	5	0.5	50	100	6
2N5401	P	TO-92A	350	600	150	60	240	10	5	0.5	50	100	6
2N5550	N	TO-92A	350	600	140	60	250	10	5	0.25	50	100	6
2N5551	N	TO-92A	350	600	160	80	250	10	5	0.2	50	100	6
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+
2SC1279	N	TO-92B	250	50	160	50	330	10	3	0.5	10	150+	4.5+

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