

Power Transistors

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H_{FE}				$V_{CE(SAT)}$		f_T min (MHz)	COMPLEMENTARY TYPE
			P_d (W)	I_C (A)	V_{CEO} (V)	min	max	I_C (A)	V_{CE} (V)	max (V)	I_C (A)		
BD239	N	TO-220	30	2	45	15	—	1	4	0.7	1	3	BD240
BD239A	N	TO-220	30	2	60	15	—	1	4	0.7	1	3	BD240A
BD239B	N	TO-220	30	2	80	15	—	1	4	0.7	1	3	BD240B
BD240	P	TO-220	30	2	45	15	—	1	4	0.7	1	3	BD239
BD240A	P	TO-220	30	2	60	15	—	1	4	0.7	1	3	BD239A
BD240B	P	TO-220	30	2	80	15	—	1	4	0.7	1	3	BD239B
BD241	N	TO-220	40	3	45	25	—	1	4	1.2	3	3	BD242
BD241A	N	TO-220	40	3	60	25	—	1	4	1.2	3	3	BD242A
BD241B	N	TO-220	40	3	80	25	—	1	4	1.2	3	3	BD242B
BD242	P	TO-220	40	3	45	25	—	1	4	1.2	3	3	BD241
BD242A	P	TO-220	40	3	60	25	—	1	4	1.2	3	3	BD241A
BD242B	P	TO-220	40	3	80	25	—	1	4	1.2	3	3	BD241B
BD301	N	TO-220	55	8	45	30	—	3	2	1	3	3	—
BD303	N	TO-220	55	8	60	30	—	3	2	1	3	3	—
BD415	N	TO-220	2	1	60	80	300	0.05	1	0.5	0.25	75	BD416
BD416	P	TO-220	2	1	60	80	300	0.05	1	0.5	0.25	75	BD415
BD417	N	TO-220	2	1	80	80	300	0.05	1	0.5	0.25	75	BD418
BD418	P	TO-220	2	1	80	80	300	0.05	1	0.5	0.25	75	BD417
BD533	N	TO-220	50	4	45	25	—	2	2	0.8	2	3	BD534
BD535	N	TO-220	50	4	60	25	—	2	2	0.8	2	3	BD536
BD537	N	TO-220	50	4	80	15	—	2	2	0.8	2	3	BD538
BD633	N	TO-220	30	2	45	25	—	1	2	0.6	1	3	BD634
BD634	P	TO-220	30	2	45	25	—	1	2	0.6	1	3	BD633
BD635	N	TO-220	30	2	60	25	—	1	2	0.6	1	3	BD636
BD636	P	TO-220	30	2	60	25	—	1	2	0.6	1	3	BD635
BD637	N	TO-220	30	2	80	25	—	1	2	0.6	1	3	BD638
BD638	P	TO-220	30	2	80	25	—	1	2	0.6	1	3	BD637
D44C1	N	TO-220	30	4	30	10	—	1	1	0.5	1	30+	D45C1
D44C2	N	TO-220	30	4	30	20	—	1	1	0.5	1	30+	D45C2
D44C3	N	TO-220	30	4	30	20	—	2	1	0.5	1	30+	D45C3
D44C4	N	TO-220	30	4	45	10	—	1	1	0.5	1	30+	D45C4
D44C5	N	TO-220	30	4	45	20	—	1	1	0.5	1	30+	D45C5
D44C6	N	TO-220	30	4	45	20	—	2	1	0.5	1	30+	D45C6
D44C7	N	TO-220	30	4	60	10	—	1	1	0.5	1	30+	D45C7
D44C8	N	TO-220	30	4	60	20	—	1	1	0.5	1	30+	D45C8
D44C9	N	TO-220	30	4	60	20	—	2	1	0.5	1	30+	D45C9
D44C10	N	TO-220	30	4	80	10	—	1	1	0.5	1	30+	D45C10
D44C11	N	TO-220	30	4	80	20	—	1	1	0.5	1	30+	D45C11
D44C12	N	TO-220	30	4	80	20	—	2	1	0.5	1	30+	D45C12
D45C1	P	TO-220	30	4	30	10	—	1	1	0.5	1	30+	D44C1
D45C2	P	TO-220	30	4	30	20	—	1	1	0.5	1	30+	D44C2
D45C3	P	TO-220	30	4	30	20	—	2	1	0.5	1	30+	D44C3
D45C4	P	TO-220	30	4	45	10	—	1	1	0.5	1	30+	D44C4
D45C5	P	TO-220	30	4	45	20	—	1	1	0.5	1	30+	D44C5
D45C6	P	TO-220	30	4	45	20	—	2	1	0.5	1	30+	D44C6
D45C7	P	TO-220	30	4	60	10	—	1	1	0.5	1	30+	D44C7
D45C8	P	TO-220	30	4	60	20	—	1	1	0.5	1	30+	D44C8
D45C9	P	TO-220	30	4	60	20	—	2	1	0.5	1	30+	D44C9
D45C10	P	TO-220	30	4	80	10	—	1	1	0.5	1	30+	D44C10
D45C11	P	TO-220	30	4	80	20	—	1	1	0.5	1	30+	D44C11
D45C12	P	TO-220	30	4	80	20	—	2	1	0.5	1	30+	D44C12
MH0810	P	TO-220	12	3	30	40	240 #	0.5	2	0.8	2	30	MH8100
MH0816	P	TO-220	10	1	60	40	240 #	0.2	2	0.5	0.5	50	MH8106
MH0818	P	TO-220	10	1	80	40	240 #	0.2	2	0.5	0.5	50	MH8108

H_{FE} groupings available + Typical value