

Power Transistors

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			HFE		IC (mA)	VCE (V)	VCE(sat)		fT min (MHz)	COMPLEMENTARY TYPE
			Pd (mW)	IC (A)	VCEO (V)	min	max			max (V)	IC (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	N	TO-220	30	2	80	25	-	1	2	0.6	1	3	BD637
D44C1	P	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

+ typical value