CASE TO-66
$I_{C(MAX)}$ = 1-5A
$V_{CEO(SUS)}$ = 40-425V

PNP Power Transistors

Type No.	NPN complement	VCEO (sus) (V)	IC (max) (A)	hFE@IC/VCE (min-max @ A/V)	VCE(SAT) @ IC/IB (V @ A/A)	VBE @ IC/VCE (V @ A/V)	VBE (SAT) @ IC/IB (V @ A/A)	ICEV @VCE (mA @ V)	PD@ TC = 100°C (Watts)	ts/tb @ VCE t = 1 sec (A @ V)	fT (MHz)	ton @ IC/IB (µs @ A/A)	tOFF @ IC/IB (µs @ A/A)
2N3740	2N3766	60	1	30-100 @ .25/.1	.6 @ 1/.125	1 @ .25/1		.1 @ 60	25	1.5 @ 17	4		
2N3740A		60	1	30-100 @ .25/.1	.6 @ 1/.125	1 @ .25/1		.0001 @ 60	25	1.5 @ 17	4		
2N3741	2N3767	80	1	30-100 @ .25/.1	.6 @ 1/.125	1 @ .25/1		.1 @ 80	25	1.5 @ 17	4		
2N3741A		80	1	30-100 @ .25/.1	.6 @ 1/.125	1 @ .25/1		.0001 @ 80	25	1.5 @ 17	4		
2N4898	2N4910	40	1	20-100 @ .5/1	.6 @ 1/.1	1.3 @ 1/1		.1 @ 40	25	1.5 @ 17	3		
2N4899	2N4911	60	1	20-100 @ .5/1	.6 @ 1/.1	1.3 @ 1/1		.1 @ 60	25	1.5 @ 17	3		
2N4900	2N4912	80	1	20-100 @ .5/1	.6 @ 1/.1	1.3 @ 1/1		.1 @ 80	25	1.5 @ 17	3		
2N5344		250	1	25-100 @ .5/.5	3 @ 1/1.2		1.5 @ 1/.2	.1 @ 22	40	1 @ 22	10[f]	.2 @ .5/.05	.7 @ .5/.05
2N5345		300	1	25-100 @ .5/.5	3 @ 1/.2		1.5 @ 1/.2	.1 @ 270	40	1 @ 22	10[f]	.2 @ .5/.05	.7 @ .5/.05
2N5954	2N6374	80	6	20-100 @ 2/4	1 @ 2/.2	2 @ 2/4		.1 @ 85	40	1.75 @ 23	5	.7 @ 1.5/.15	1.8 @ 1.5/.15
2N5955	2N6373	80	6	20-100 @ 1.5/4	1 @ 2.5/2.5	2 @ 2.5/4		.1 @ 65	40	1.75 @ 23	5	.7 @ 1.5/.15	1.8 @ 1.5/.15
2N5956	2N6372	40	6	20-100 @ 3/4	1 @ 3/.3	2 @ 3/4		.1 @ 45	40	1.75 @ 23	5	.7 @ 1.5/.15	1.8 @ 1.5/.15
2N6049	2N3054A	55	4	25-100 @ .5/4	.5 @ .5/.05	1 @ .5/4			75	3 @ 25	3	.7 @ 1.5/.15	1.8 @ 1.5/.15
2N6211	2N3583	250[h]	2	10-100 @ 1/2.8	1.4 @ 1/.125		1.4 @ 1/.125	.1 @ 90	35	.875 @ 40	20	.6 @ 1/.125	3.1 @ 1/.125
2N6212	2N3584	325[h]	2	10-100 @ 1/3.2	1.6 @ 1/.125		1.4 @ 1/.125	.5 @ 250	35	.875 @ 40	20	.6 @ 1/.125	3.1 @ 1/.125
2N6213	2N3585	375[h]	2	10-100 @ 1/4	2 @ 1/.125		1.4 @ 1/.125	.2 @ 360	35	.875 @ 40	20	.6 @ 1/.125	3.1 @ 1/.125
2N6214		425[h]	2	10-100 @ 1/5	2.5 @ 1/.125		1.4 @ 1/.125	.5 @ 410	35	.875 @ 40	20	.6 @ 1/.125	3.1 @ 1/.125
2N6312	2N4232A	40	5	25-100 @ 1.5/4	.7 @ 1.5/.15	1.4 @ 1.5/4		.1 @ 40	75	3 @ 25	4	.7 @ 1.5/.15	1.8 @ 1.5/.15
2N6313	2N4233A	60	5	25-100 @ 1.5/4	.7 @ 1.5/.15	1.4 @ 1.5/4		.1 @ 60	75	3 @ 25	4	.7 @ 1.5/.15	1.8 @ 1.5/.15
2N6314	2N4233A	80	5	25-100 @ 1.5/4	.7 @ 1.5/.15	1.4 @ 1.5/4		.1 @ 80	75	3 @ 25	4	.7 @ 1.5/.15	1.8 @ 1.5/.15
2N6317	2N6315	60	7	20-100 @ 2.5/4	1 @ 4/.4	1.5 @ 2.5/4		.25 @ 60	90	3 @ 30	4	.7 @ 2.5/.25	1.8 @ 2.5/.25
2N6318	2N6316	80	7	20-100 @ 2.5/4	1 @ 4/.4	1.5 @ 2.5/4		.25 @ 80	90	3 @ 30	4	.7 @ 2.5/.25	1.8 @ 2.5/.25

NOTES: h) VCER (V) t) (typical)

CASE TO-59/TO-111
$I_{C(MAX)}$ = 3A-10A
$V_{CEO(SUS)}$ = 40-100V

NPN Power Transistors

Type No.	VCEO (sus) (V)	IC (max) (A)	hFE@Ic/Vce (min-max @ A/V)	VCE(SAT) @ Ic/IB (V @ A/A)	VBE @ IC/VCE (V @ A/V)	VBE (SAT) @ IC/IB (V @ A/V)	ICEV @VCE (mA @ V)	PD@ TC = 25°C (Watts)	ts/tb@VCE t = 1 sec (A @ V)	fT (MHz)	ton @ Ic/IB (µs @ A/A)	tOFF @ IC/IB (µs @ A/A)
2N2877	50	5	20-60 @ 1/2	2 @ 5/.5	1.2 @ 1/2		.01 @ 80	30	2.5 @ 12	30	.3 @ 1/.1	1.5 @ 1/.1
2N2878	50	5	40-120 @ 1/2	2 @ 5/.5	1.2 @ 1/2		.01 @ 80	30	2.5 @ 12	50	.3 @ 1/.1	1.5 @ 1/.1
2N2879	70	5	20-60 @ 1/2	2 @ 5/.5	1.2 @ 1/2		.01 @ 100	30	2.5 @ 12	30	.3 @ 1/.1	1.5 @ 1/.1
2N2880	70	5	40-120 @ 1/2	2 @ 5/.5	1.2 @ 1/2		.01 @ 100	30	1.5 @ 12	50	.3 @ 1/.1	1.5 @ 1/.1
2N2892	80	5	30-90 @ 1/2	.75 @ 2/.2		1.2 @ 1/.1	.1[b] @ 100	17	3 @ 10	30	.3 @ 1/.05	1.5 @ 1/.05
2N2893	80	5	50-150 @ 1/2	.75 @ 2/.2		1.2 @ 1/.1	.1[b] @ 100	17	3 @ 10	30	.3 @ 1/.05	1.5 @ 1/.05
2N3850	80	5	50-150 @ 1/1	.5 @ 2/.2		1.3 @ 2/.2	.0001[g] @ 80	40		20	.2 @ 1/.05	.9 @ 1/.05
2N3851	80	5	30-90 @ 1/1	.5 @ 2/.2		1.3 @ 2/.2	.0001[g] @ 80	40		20	.2 @ 1/.05	.9 @ 1/.05
2N3852	40	5	50-150 @ 1/1	.5 @ 2/.2		1.3 @ 2/.2	.0001[g] @ 40	40		20	.2 @ 1/.05	.9 @ 1/.05
2N2853	40	5	30-90 @ 1/1	.5 @ 2/.2		1.3 @ 2/.2	.0001[g] @ 40	40		20	.2 @ 1/.05	.9 @ 1/.05
2N3998*	80	5	40-120 @ 1/2	2 @ 5/.5		.6-1.2 @ 1/.1	.005[g] @ 90	30	1.5 @ 20	40	.3 @ 1/.1	1.5 @ 1/.1
2N3999*	80	5	80-240 @ 1/2	2 @ 5/.5		.6-1.2 @ 1/.1	.005[g] @ 90	30	1.5 @ 20	40	.3 @ 1/.1	2 @ 1/.1
2N5477	80	7	30-120 @ 2/2	1.2 @ 7/.7		1.2 @ 2/.2	.01[b] @ 80	34	3 @ 20	30	.2 @ 2/.2	2.2 @ 2/.2
2N5478	80	7	60-240 @ 2/2	1.2 @ 7/.7		1.2 @ 2/.2	.01[b] @ 80	34		30	.2 @ 2/.2	2.2 @ 2/.2
2N5479	100	7	30-120 @ 2/2	1.2 @ 7/.7		1.2 @ 2/.2	.01[b] @ 100	34		30	.2 @ 2/.2	2.2 @ 2/.2
2N5480	100	7	60-240 @ 2/2	1.2 @ 7/.7		1.2 @ 2/.2	.01[b] @ 100	34		30	.2 @ 2/.2	2.2 @ 2/.2

NOTES: b) ICBO @ VCB (mA @ V) g) ICES @ VCE (mA @ V) t) (typical)