

NPN TO-3(cont'd)

DIODE TRANSISTOR CO., INC.

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Ic(MAX)2.0 to 50A

VCE(sus) = 35to 500V

Fr = 0.2 to 50 MHz

Type#	PNP Complement	VCE(sus) (Volts)	Ic Max	RFE @Ic/VCE (Min-Max @A/V)	VCE(sat) @Ic/Ib (V@A/A)	VBE @Ic/VCE (V@A/V)	IcEV @VCE (mA @ V)	Pd@ TC=25°C (Watts)	IS/b @VCE T=1sec (A@V)	fr (MHz)	ION @Ic/Ib (s@A/A)	IOFF @Ic/Ib (s@A/A)
2N5804		225	5.0	10-100 @5/4	2 @5/4	2 ³ @5/5	.5 @225	110	2.2 @50	15	.5 @5/5	5.5 @5/5
2N5805		300	5.0	10-100 @5/4	2 @5/5	2 ³ @5/5	1 @300	110	2.2 @50	15	.5 @5/5	5.5 @5/5
40853		375(VCER)	10	>10 @5/4	3 @8/8	2 ³ @8/1.8	1 @450	110	2.2 @50			
2N6249		225(VCER)	10	10-50 @10/3	1.5 @10/1	2.25 ³ @10/1	5 @225	175	5.8 @30	2.5	2 @10/1	4.5 @10/1
2N6250		300(VCER)	10	8-50 @10/3	1.5 @10/1.25	2.25 ³ @10/1.25	5 @300	175	5.8 @30	2.5	2 @10/1.25	4.5 @10/1.25
2N6251		375(VCER)	10	6-50 @10/3	1.5 @10/1.67	2.25 ³ @10/1.67	5 @375	175	5.8 @30	2.5	2 @10/1.67	4.5 @10/1.67
40854		325(VCER)	15	>8 @10/4	3 @16/3.2	3 ³ @16/3.2	1 @450	175	5.8 @30			
2N6542		300	5	12-60 @1.5/2	1.0 @3/6	1.4 @3/6	.5 @300	100	0.2 @100	6	.75 @3/6	4.8 @3/6
2N6543		400	5	12-60 @1.5/2	1.0 @3/6	1.4 @3/6	.5 @400	100	0.2 @100	6	.75 @3/6	4.8 @3/6
2N6544		300	8	12-60 @2.5/3	1.5 @5/1	1.6 @5/1	.5 @300	125	0.2 @100	6	.75 @5/1	5 @5/9
2N6545		400	8	12-60 @2.5/3	1.5 @5/1	1.6 @5/1	.5 @400	125	0.2 @100	6	.75 @5/1	5 @5/9
2N6546		300	15	12-60 @5/2	1.5 @10/2	1.6 @10/2	1.0 @300	175	0.2 @100	6	.75 @10/2	4.8 @10/2
2N6547		400	15	12-60 @10/2	1.5 @10/2	1.6 @10/2	1.0 @400	175	0.2 @100	6	.75 @10/2	4.8 @10/2
2N6560		450	10	10-40 @5/1	.75 @5/1	1.4 ³ @5/1	1 @450	125	2.8 @45	10	6 @5/1	3 @5/1
2N6561		300	10	10-50 @10/2	.75 @10/2	1.8 ³ @10/2	1 @300	100	2 @50	15	.6 @5/1	1.7 @5/1
2N6573		250	10	7-21 @7/3	1.5 @7/1.4	1.6 ³ @7/1.4	.5 @500	125		5	1.05 @7/1.4	3.2 @7/1.4
2N6574		275	10	7-21 @7/3	1.5 @7/1.4	1.6 ³ @7/1.4	.5 @600	125		5	1.05 @7/1.4	3.2 @7/1.4
2N6575		300	10	7-21 @7/3	1.5 @7/1.4	1.4 ³ @7/1.4	.5 @700	125		5	1.05 @7/1.4	3.2 @7/1.4
MJ13014		350	10	>12 @2.5/5	5 @10/	1.5 ³ @5/1	.5 @550	150	3.75 @40		.6 @5/1	2.5 @5/1
MJ13015		400	10	>12 @2.5/5	5 @10/2	1.5 ³ @5/1	.5 @600	150	3.75 @40		.6 @5/1	2.5 @5/1
2N6322		200	30	40-150 @5/5	1.5 @20/2	2.5 @30/5	2 @300	350	4.5 @	10		
2N6323		300	30	30-150 @5/5	1.5 @20/2	2.5 @30/5	2 @400	350	4.5 @45	10		
2N6579		350	10	7-35 @5/3	3 @10/5	1.5 ³ @5/1	.5 @450	125	5.8 @30	12.5	.55 @5/1	2.5 @5/1
2N6580		400	10	7-35 @5/3	3 @10/5	1.5 ³ @5/1	.5 @500	125	5.8 @30	12.5	.55 @5/1	2.5 @5/1
2N6581		450	10	7-35 @5/3	3 @10/5	1.5 ³ @5/1	.5 @550	125	5.8 @30	12.5	.55 @5/1	2.5 @5/1
2N6582		350	10	7-35 @7/3	3 @10/5	1.5 ³ @7/1.4	.5 @450	125	5.8 @30	12.5	.55 @7/1.4	2.5 @7/1.4
2N6583		400	10	7-35 @7/3	3 @10/5	1.5 ³ @7/1.4	.5 @500	125	5.8 @30	12.5	.55 @7/1.4	2.5 @7/1.4
2N6584		450	10	7-35 @7/3	3 @10/5	1.5 ³ @7/1.4	.5 @550	125	5.8 @30	12.5	.55 @7/1.4	2.5 @7/1.4
2N6671		300	8	10-40 @5/3	2 @8/4	1.6 ³ @	.1 @450	150	6 @25	15	.6 @5/1	2.9 @5/1
2N6672		350	8	10-40 @5/3	2 @8/4	1.6 ³ @5/1	.1 @550	150	6 @25	15	.6 @5/1	2.9 @5/1
2N6673		400	8	10-40 @5/3	2 @5/3	1.6 ³ @5/1	.1 @650	150	6 @25	15	.6 @5/1	1.9 @5/1
2N6653		300	20	>10 @15/5	1 @15/3	1.5 ³ @15/3	.1 @400	175	5.9 @30	15	.47 @15/3	2.4 @15/3
2N6654		350	20	>10 @15/5	1 @15/3	1.5 ³ @15/3	.1 @450	175	5.9 @30	15	.47 @15/3	2.4 @15/3
2N6655		400	20	>10 @15/5	1 @15/3	1.5 ³ @15/3	.1 @500	175	5.9 @30	15	.47 @15/3	2.4 @15/3
2N6674		300	15	8-20 @10/2	5 @15/5	1.5 ³ @10/2	.1 @450	175	5.9 @30	15	.7 @10/2	3 @10/2
2N6675		400	15	8-20 @10/2	5 @15/5	1.5 ³ @10/2	.1 @650	175	5.9 @30	15	.7 @10/2	3 @10/2
2N6676		300	15	>8 @15/3	1.5 @15/3	1.5 ³ @15/3	.1 @450	175	5.9 @30	15	.7 @15/3	3 @15/3
2N6677		350	15	>8 @15/3	1.5 @15/3	1.5 ³ @15/3	.1 @550	175	5.9 @30	15	.7 @15/3	3 @15/3
2N6678		400	15	>8 @15/3	1.5 @15/3	1.5 ³ @15/3	.1 @650	175	5.9 @30	15	.7 @15/3	3 @15/3
MJ13330		200	20	8-40 @10/5	3.5 @20/5	1.8 ³ @20/5	.25 @400	175	5.9 @30	5	1.2 @10/1.5	4.2 @10/1.5
MJ13331		250	20	8-40 @10/5	3.5 @20/5	1.8 ³ @20/5	.25 @450	175	5.9 @30	5	1.2 @10/1.5	4.2 @10/1.5

8