

DIODE TRANSISTOR CO., INC.

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 FAX No. 201-575-5863



NPN TO-61

Type#	PNP Complement	V _{CE0} (SUS) (Volts)	I _C Max	hFE @I _C /V _{CE} (Min-Max @A/V)	V _{CE} (SAT) @I _C /I _B (V@A/A)	V _{BE} @I _C /V _{CE} (V@A/V)	I _{CEV} @V _{CE} (mA @ V)	P _D @ T _C =25°C (Watts)	I _S /b @V _{CE} T = 1sec (A@V)	f _r (MHz)	t _{ON} @I _C /I _B (s@A/A)	t _{OFF} @I _C /I _B (s@A/A)
2N4301		80	10	30-120@5/4	.4@5/5	1.2@10/4	.01@90	50	3@16.7	40		
2N5048		100	10	15-60@10/4	2@10/1	3@10/1	1@120	50	1@50	10	.6@10/1.5	2.1@10/1.5
2N5049		50	10	15-60@10/4	2.5@10/1	3@10/1	10@60	50	1@50	10	1@10/1.5	3.5@10/1.5
2N5313		80	10	30-90@10/5	1.5@10/1	1.5@10/1	.01@80	50	2.5@20	30	.5@10/1	1.5@10/1
2N5315		100	10	30-90@10/5	1.5@10/1	1.5@10/1	.01@100	50	2.5@20	30	.5@10/1	1.5@10/1
2N5542		130	10	30-90@5/5	.5@5/5	1.2@5/5	.01@175	50	5@10	20	.5@5/5	2@5/5
2N5959		100	20	30-120@10/10	.4@5/5	2@20/2	.5@100	100	4@25	10	.5@20/2	1@20/2
2N5218		200	10	15-120@5/5	.6@5/5	1.2@5/5	.01@220	50	1.43@35	40	.6@1/1	5.5@1/1
2N5387		200	7.5	25-100@2/5	2.2@7/1.4	2.5@7/5	1@180	100	5@20	15		
2N5388		250	7.5	25-100@2/5	2.2@7/1.4	2.5@7/5	1@225	100	5@20	15		
2N5389		300	7.5	25-100@2/5	2.2@7/1.4	2.5@7/5	1@270	100	5@20	15		
2N5540		300	10	20-60@5/5	1@8/8	1.2@5/5	.1@325	50	.83@60	20	1.5@5/5	3@5/5
2N6562		450	10	10-40@5/2	.75@5/1	1.4@5/1	1@450	125	2.8@45	10	.6@5/1	3@5/1
2N6563		300	10	10-50@10/2	.75@10/2	1.8@10/2	1@300	100	2@50	15	.6@5/1	1.7@5/1
2N6585		350	10	7-35@5/3	3@10/5	1.5@5/1	.5@450	125	.09@200	12.5	.55@5/1	2.5@5/1
2N6586		400	10	7-35@5/3	3@10/5	1.5@5/1	.5@500	125	.09@200	12.5	.55@5/1	2.5@5/1
2N6587		450	10	7-35@5/3	3@10/5	1.5@5/1	.5@550	125	.09@200	12.5	.55@5/1	2.5@5/1
2N6588		350	10	7-35@7/3	3@10/5	1.5@7/1.4	.5@450	125	.09@200	12.5	.55@7/1.4	2.5@7/1.4
2N6589		400	10	7-35@7/3	3@10/5	1.5@7/1.4	.5@500	125	.09@200	12.5	.55@7/1.4	2.5@7/1.4
2N6590		450	10	7-35@7/3	3@10/5	1.5@7/1.4	.5@550	125	.09@200	12.5	.55@7/1.4	2.5@7/1.4
2N6689		300	15	8@10/2	1@10/2	1.5@10/2	.1@450	175	.7@10/2	15	.7@10/2	3@10/2
2N6690		400	15	8@10/2	1@10/2	1.5@10/2	.1@650	175	.7@10/2	15	.7@10/2	3@10/2
2N6691		300	15	8@15/3	1@15/3	1.5@15/3	.1@450	175	.7@15/3	15	.7@15/3	3@15/3
2N6692		350	15	8@15/3	1@15/3	1.5@15/3	.1@550	175	.7@15/3	15	.7@15/3	3@15/3
2N6693		400	15	8@15/3	1@15/3	1.5@15/3	.1@650	175	.7@15/3	15	.7@15/3	3@15/3



**NPN TO-61
(isolated collector)**

Type#	PNP Complement	V _{CE0} (SUS) (Volts)	I _C Max	hFE @I _C /V _{CE} (Min-Max @A/V)	V _{CE} (SAT) @I _C /I _B (V@A/A)	V _{BE} @I _C /V _{CE} (V@A/V)	I _{CEV} @V _{CE} (mA @ V)	P _D @ T _C =25°C (Watts)	I _S /b @V _{CE} T = 1sec (A@V)	f _r (MHz)	t _{ON} @I _C /I _B (s@A/A)	t _{OFF} @I _C /I _B (s@A/A)
2N5006		80	10	30-90@5/5	1.5@10/1	1.8@5/5	1@100	67	3.1@32	30		
2N5008		80	10	70-200@5/5	1.5@10/1	1.8@5/5	1@100	67	3.1@32	40		
2N5288		100	10	30-90@5/5	1.5@10/1	1.8@5/5	1@120	67	3.1@32	30		
2N5289		100	10	70-200@5/5	1.5@10/1	1.8@5/5	1@120	67	3.1@32	40		
2N5317		80	10	30-90@5/5	.6@5/5	1.2@5/5	.01@80	50	2.5@20	30	.4@5/5	1.6@5/5
2N5319		100	10	30-90@5/5	.6@5/5	1.2@5/5	.01@100	50	2.5@20	30	.4@5/5	1.6@5/5
2N5731		80	20	30-300@5/2	1.2@10/1	1.5@10/1	1@100	50	3@5/5	30	.3@5/5	3.6@5/5
2N5957		100	20	30-120@10/10	.4@5/5	2@20/2	.5@100	100	4@25	10	.5@20/2	1@20/2
2N6128		80	10	30-120@5/5	.9@5/5	2.2@10/5	1@100	67	2.96@35	50		

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