DIODE TRANSISTOR CO., INC.

(201) 686-0400 • Telex: 139-385 • Outside NY & NJ area call TOLL FREE 800-526-4581
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$I_{C(MAX)}$ 3.0 to 10A **$V_{CEO(SUS)}$ = 40 to 100V** **F_T = 1.0 to 50 MHz**

Type#	PNP Complement	$V_{CEO(SUS)}$ (Volts)	I_C Max	h_{FE} @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_T (MHz)	t_{ON} @I_C/I_B (s@A/A)	t_{OFF} @I_C/I_B (s@A/A)
2N2892		80	5.0	30-90@1/2	.75@2/.2	1.2[3]@1/.1	.1[1]@100	17	3@10	30	.3@1/.05	1.5@1/.05
2N2893		80	5.0	50-150@1/2	.75@2/.2	1.2[3]@1/.1	.1[1]@100	17	3@10	30	.3@1/.05	1.5@1/.05
2N3859		80	5.0	50-150@1/1	.5@2/.2	1.3[3]@2/.2	.0001[7]@80	40		20	.2@1/.05	.9@1/.05
2N3851		80	5.0	30-90@1/1	.5@2/.2	1.3[3]@2/.2	.0007[7]@80	40		20	.2@1/.05	.9@1/.05
2N3852		40	5.0	50-150@1/1	.5@2/.2	1.3[3]@2/.2	.0001[7]@40	40		20	.2@1/.05	.9@1/.05
2N3853		40	5.0	30-90@1/1	.5@2/.2	1.3[3]@2/.2	.0001[7]@40	40		20	.2@1/.05	.9@1/.05
2N2877		50	5.0	20-60@1/2	2@5/.5	1.2@1/2	.01@80	30	2.5@12	30		
2N2878		50	5.0	40-120@1/2	2@5/.5	1.2@1/2	.01@80	30	2.5@12	50		
2N2879		70	5.0	20-60@1/2	2@5/.5	1.2@1/2	.01@100	30	2.5@12	30		
2N2880		70	5.0	40-120@1/2	2@5/.5	1.2@1/2	.01@100	30	2.5@12	50		
2N3998		80	5.0	40-120@1/2	2@5/.5	.6-1.2[3]@1/.1	.005[7]@90	30	1.5@20	40	.3@1/.1	1.5@1/.1
2N2999		80	5.0	80-240@1/2	2@5/.5	.6-1.2[3]@1/.1	.005[7]@90	30	1.5@20	40	.3@1/.1	2@1/.1
2N5477		80	7.0	30-120@2/2	1.2@7/.7	1.2[3]@2/.2	.01[3]@80	34	3@20	30	.2@2/.2	2.2@2/.2
2N5478		80	7.0	6.0-240@2/2	1.2@7/.7	1.2[3]@2/.2	.01[3]@80	34	3@20	30	.2@2/.2	2.2@2/.2
2N5479		100	7.0	30-120@2/2	1.2@7/.7	1.2[3]@2/.2	.01[3]@100	34	3@20	30	.2@2/.2	2.2@2/.2
2N5480		100	7.0	60-240 2/2	1.2@7/.7	1.2[3]@2/.2	.01[3]@100	34	3@20	30	.2@2/.2	2.2@2/.2

NPN TO-111 (isolated collector) $I_{C(MAX)}$ 3.0 to 10A $V_{CEO(SUS)}$ = 30 to 250V F_T = 30 to 50 MHz

Type#	PNP Complement	$V_{CEO(SUS)}$ (Volts)	I_C Max	h_{FE} @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)	E_{CEV} @V_{CE} (mA @ V)	P_D@ T_C=25°C (Watts)	$I_{s/b}$ @V_{CE} T=1sec (A@V)	f_T (MHz)	t_{ON} @I_C/I_B (s@A/A)	t_{OFF} @I_C/I_B (s@A/A)
2N4075		80	3.0	30-90@1/2	1@2/.2	1.3[3]@1/.1	.1[3]@100	17	3@10	30	.3@1/.05	1.5@1/.05
2N4076		80	3.0	50-150@1/2	1@2/.2	1.3[3]@1/.1	.1[3]@100	17	3@10	30	.3@1/.05	1.5@1/.05
2N4998		80	2.0	30-90@1/5	.85@2/.2	1.2[3]@1/.1	1[7]@100	20	1.1@32	50		
2N5000		80	2.0	70-200@1/5	.85@2/.2	1.2[3]@1/.1	20	20	1.1@32	60		
2N3744		30	5.0	20-60@1/5	2@5/.5	1.2[3]@1/.1	.01@60	30	3@10	30		
2N3745		50	5.0	20-60@1/5	2@5/.5	1.2[3]@1/.1	.01@80	30	3@10	30		
2N3746		70	5.0	20-60@1/5	2@5/.5	1.2[3]@1/.1	.01@100	30	3@10	30		
2N3747		30	5.0	40-120@1/5	2@5/.5	1.2[3]@1/.1	.01@60	30	3@10	40		
2N3748		50	5.0	40-120@1/5	2@5/.5	1.2[3]@1/.1	.01@80	30	3@10	40		
2N3749		70	5.0	40-120@1/5	2@5/.5	1.2[3]@1/.1	.01@100	30	3@10	40		
2N3750		30	5.0	100-300@1/5	2@5/.5	1.2[3]@1/.1	.01@60	30	3@10	50		
2N3751		50	5.0	100-300@1/5	2@5/.5	1.2[3]@1/.1	.01@80	30	3@10	50		
2N3752		70	5.0	100-300@1/5	2@5/.5	1.2[3]@1/.1	.01@100	30	3@10	50		
2N3996		80	5.0	40-100@1/2	2@5/.5	.6-1.2[3]@1/.1	.005[7]@90	30	1.5@20	40	.3@1/.1	1.5@/.1
2N3997		80	5.0	80-240@1/2	2@5/.5	.6-1.2[3]@1/.1	.005[7]@90	30	1.5@20	40	.3@1/.1	2@1/.1