

NPN TO-66

2848352 DIODE TRANSISTOR CO INC.

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DIODE TRANSISTOR CO., INC.

(201) 686-0400 • Telex: 139-385 • Outside NY & NJ area call TOLL FREE 800-526-4581
 FAX No. 201-575-5863

Ic(MAX) 1.0 to 7.0A

VCE(SUS) = 35 to 400V

Fr = 0.75 to 50 MHz

| Type# | PNP Complement | VCE0(sus) (Volts) | Ic Max | hFE @Ic/VCE (Min-Max @A/V) | VCE(SAT) @Ic/Ib (V@A/A) | VBE @Ic/VCE (V@A/V) | ICEV @VCE (mA @ V) | Po@TC=25°C (Watts) | Is/b @VCE T=1sec (A@V) | fr (MHz) | tON @Ic/Ib (s@A/A) | tOFF @Ic/Ib (s@A/A) |
|---------|----------------|-------------------|--------|----------------------------|-------------------------|---------------------|--------------------|--------------------|------------------------|----------|--------------------|---------------------|
| 2N3766 | 2N3740 | 60 | 1.0 | 40-160@5/5 | 1@5/.05 | 1.5@1/10 | .1@80 | 20 | .4@50 | 10 | | |
| 2N3767 | 2N3741 | 80 | 1.0 | 40-160@.5/5 | 1@5/.05 | 1.5@1/10 | .1@100 | 20 | .4@50 | 10 | | |
| 2N4910 | 2N4898 | 40 | 1.0 | 20-100@5/1 | .6@1/1 | 1.3@1/1 | .1@40 | 25 | 1@25 | 3.0 | | |
| 2N4911 | 2N4899 | 60 | 1.0 | 20-100@.5/1 | .6@1/1 | 1.3@1/1 | .1@60 | 25 | 1@25 | 3.0 | | |
| 2N4912 | 2N4900 | 80 | 1.0 | 20-100@.5/1 | .6@1/1 | 1.3@1/1 | .1@80 | 25 | 1@25 | 3.0 | | |
| 2N3054A | 2N6049 | 55 | 4.0 | 25-100@.5/4 | 1@.5/.05 | 1.7@.5/4 | 1@90 | 75 | 3@25 | 3.0 | | |
| 2N4231 | 2N3741 | 40 | 3.0 | 25-100@1.5/2 | .7@1.5/.15 | 1.4@1.5/2 | .1@40 | 35 | 1.75@20 | 4.0 | | |
| 2N4231A | 2N6312 | 40 | 3.0 | 25-100@1.5/2 | .7@1.5/.15 | 1.4@1.5/2 | .1@40 | 75 | 3@25 | 4.0 | | |
| 2N4232 | | 60 | 3.0 | 25-100@1/2 | .7@1.5/.15 | 1.4@1.5/2 | .1@60 | 35 | 1.75@20 | 4.0 | | |
| 2N4232A | 2N6313 | 60 | 3.0 | 25-100@1.5/2 | .7@1.5/.15 | 1.4@1.5/2 | .1@60 | 75 | 3@25 | 4.0 | | |
| 2N4233 | | 80 | 3.0 | 25-100@1.5/2 | .7@1.5/.15 | 1.4@1.5/2 | .1@80 | 35 | 1.75@20 | 4.0 | | |
| 2N4233A | 2N6314 | 80 | 3.0 | 25-100@1.5/2 | .7@1.5/.15 | 1.4@1.5/2 | .1@80 | 75 | 3@25 | 4.0 | | |
| 2N6315 | 2N6317 | 60 | 7.0 | 20-100@2.5/4 | 1@4/.4 | 1.5@2.5/4 | .25@60 | 90 | 3@30 | 4.0 | .7@2.5/.25 | 1.8@2.5/.25 |
| 2N6316 | 2N6318 | 80 | 7.0 | 20-100@2.5/4 | 1@4/.4 | 1.5@2.5/4 | .25@80 | 90 | 3@30 | 4.0 | .7@2.5/.25 | 1.8@2.5/.25 |
| 2N6372 | 2N5956 | 40 | 6.0 | 20-100@3/4 | 1@3/.3 | 2@3/4 | .1@45 | 40 | 1.1@36 | 4.0 | | |
| 2N6373 | 2N5955 | 60 | 6.0 | 20-100@2.5/4 | 1@2.5/.25 | 2@2.5/4 | .1@65 | 40 | 1.1@36 | 4.0 | | |
| 2N6374 | 2N5954 | 80 | 6.0 | 20-100@2/4 | 1@2/.2 | 2@2/4 | .1@85 | 40 | 1.1@36 | 4.0 | | |
| 2N4273 | | 140 | 2.5 | 20-140@1/10 | .6@.1/.05 | 1.1@1/.10 | .1@175 | 25 | | 10 | | |
| 2N4864 | | 120 | 2.0 | 50-150@.5/2 | .2@5/.05 | 1.2@.5/.05 | .01@140 | 29 | | 50 | | |
| 2N5050 | | 125 | 2.0 | 25-100@.75/5 | 1@.75/.1 | 1.2@.75/5 | .5@125 | 40 | 2@20 | 10 | .3@.75/.1 | 4.7@.75/.1 |
| 2N5051 | | 150 | 2.0 | 25-100@.75/5 | 1@.75/.1 | 1.2@.75/5 | .5@150 | 40 | 2@20 | 10 | .3@.75/.1 | 4.7@.75/.1 |
| 2N5052 | | 200 | 2.0 | 25-100@.75/5 | 1@.75/.1 | 1.2@.75/5 | .5@200 | 40 | 2@20 | 10 | .3@.75/.1 | 4.7@.75/.1 |
| 2N3878 | | 50 | 4.0 | 40-200@.5/2 | 2@4/.4 | 2.5@4/2 | 25@120 | 35 | .75@40 | 40 | | |
| 2N3879 | | 75 | 7.0 | 12-100@4/2 | 1.2@4/.4 | 2@4/.4 | 25@120 | 35 | .5@40 | 40 | .5@4/.4 | 1.2@4/.4 |
| 2N5202 | | 50 | 4.0 | 10-100@4/1.2 | 1.2@4/.4 | 2@4/.4 | 10@100 | 35 | .4@40 | 40* | .4@4/.8 | 1.6@4/.8 |

5 AMP NPN

| Device Type | VCE0 Max(V) | hFE Min/Max | IC (A) | VCE(Sat) Max(V) | IC (A) | fT Min (MHz) | PT Max(W) | Case Style |
|-------------|-------------|-------------|--------|-----------------|--------|--------------|-----------|------------|
| DTL 1633 | 80 | 80 | 1 | 0.5 | 1 | 2.5 | 105 | TO-3 |
| DTL 1634 | 100 | 80 | 1 | 0.5 | 1 | 2.5 | 105 | TO-3 |
| DTL 1635 | 125 | 80 | 1 | 0.5 | 1 | 2.5 | 105 | TO-3 |
| DTL 1636 | 150 | 80 | 1 | 0.5 | 1 | 2.5 | 105 | TO-63 |
| DTL 1637 | 175 | 80 | 1 | 0.5 | 1 | 2.5 | 105 | TO-63 |
| DTL 1638 | 200 | 80 | 1 | 0.5 | 1 | 2.5 | 105 | TO-3 |
| DTL 1641 | 40 | 20/60 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |
| DTL 1642 | 60 | 20/60 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |
| DTL 1643 | 80 | 20/60 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |
| DTL 1644 | 100 | 20/60 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |
| DTL 1645 | 125 | 20/60 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |
| DTL 1646 | 150 | 20/60 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |
| DTL 1647 | 175 | 20/60 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |
| DTL 1648 | 200 | 20/60 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |
| DTL 1651 | 40 | 40/120 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |
| DTL 1652 | 60 | 40/120 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |
| DTL 1653 | 80 | 40/120 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |
| DTL 1654 | 100 | 40/120 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |
| DTL 1655 | 125 | 40/120 | 1 | 0.5 | 1 | 2.5 | 52 | TO-63 |
| DTL 1656 | 150 | 40/120 | 1 | 0.5 | 1 | 2.5 | 52 | TO-63 |
| DTL 1657 | 175 | 40/120 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |
| DTL 1658 | 200 | 40/120 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |
| DTL 1661 | 40 | 80 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |
| DTL 1662 | 60 | 80 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |
| DTL 1663 | 80 | 80 | 1 | 0.5 | 1 | 2.5 | 52 | TO-66 |