

NPN Transistors



| Part Number | Microsemi Division | Package Outline | Type | Mil Spec | Data Sheet ID | PD (W) | IC (A) | Vcbo (V) | Vceo (V) | Vebo (V) | VCE(sat) (V) | @ IC (mA) | HFE min (dB) | HFE max (dB) |
|-------------|--------------------|-----------------|------|----------|---------------|--------|--------|----------|----------|----------|--------------|-----------|--------------|--------------|
| 2N5468 | PPC, Inc. | TO-66 | STD | | 23381 | 70 | 3 | 500 | 400 | 8 | 0.5 | 3 | 15 | 60 |
| 2N5469 | PPC, Inc. | TO-66 | STD | | 23382 | 70 | 3 | 700 | 400 | 8 | 0.5 | 3 | 15 | 60 |
| 2N2811 | PPC, Inc. | TO-61 | STD | | 23000 | 70 | 10 | 80 | 60 | 8 | 0.5 | 5 | 20 | 60 |
| 2N2812 | PPC, Inc. | TO-61 | STD | | 23001 | 70 | 10 | 80 | 60 | 8 | 0.5 | 5 | 40 | 120 |
| 2N2813 | PPC, Inc. | TO-61 | STD | | 23002 | 70 | 10 | 120 | 80 | 8 | 0.5 | 5 | 20 | 60 |
| 2N2814 | PPC, Inc. | TO-61 | STD | | 23003 | 70 | 10 | 120 | 80 | 8 | 0.5 | 5 | 40 | 120 |
| 2N6495 | PPC, Inc. | TO-66 | STD | | 23586 | 70 | 10 | 150 | 80 | 6 | 1.5 | 10 | 10 | 60 |
| 2N4231 | PPC, Inc. | TO-66 | STD | | 23208 | 75 | 5 | 40 | 40 | 5 | 0.7 | 1.5 | 25 | 100 |
| 2N4232A | PPC, Inc. | TO-66 | STD | | 23209 | 75 | 5 | 60 | 60 | 6 | 0.7 | 1.5 | 25 | 100 |
| 2N4233 | PPC, Inc. | TO-66 | STD | | 23210 | 75 | 5 | 80 | 80 | 5 | 0.7 | 1.5 | 25 | 100 |
| 2N4233A | PPC, Inc. | TO-66 | STD | | 23211 | 75 | 5 | 80 | 80 | 6 | 0.7 | 1.5 | 25 | 100 |
| 2N1487 | PPC, Inc. | TO-3 | STD | | 22960 | 75 | 6 | 60 | 40 | 10 | 3 | 1.5 | 15 | 45 |
| 2N1489 | PPC, Inc. | TO-3 | STD | | 22962 | 75 | 6 | 60 | 40 | 10 | 1 | 1.5 | 25 | 75 |
| 2N1702 | PPC, Inc. | TO-3 | STD | | 22968 | 75 | 6 | 60 | 40 | 6 | 3.2 | 0.8 | 15 | 60 |
| 2N1488 | PPC, Inc. | TO-3 | STD | | 22961 | 75 | 6 | 100 | 55 | 10 | 3 | 1.5 | 15 | 45 |
| 2N1490 | PPC, Inc. | TO-3 | STD | | 22963 | 75 | 6 | 100 | 55 | 10 | 1 | 1.5 | 25 | 75 |
| 2N6043 | PPC, Inc. | TO-220 | STD | | 24406 | 75 | 8 | 60 | 60 | 5 | 2 | 4 | 1000 | 2000 |
| 2N6044 | PPC, Inc. | TO-220 | STD | | 24407 | 75 | 8 | 80 | 80 | 5 | 2 | 4 | 1000 | 2000 |
| 2N6045 | PPC, Inc. | TO-220 | STD | | 24408 | 75 | 8 | 100 | 100 | 5 | 2 | 3 | 1000 | 2000 |
| 2N6486 | PPC, Inc. | TO-220 | STD | | 24424 | 75 | 15 | 50 | 40 | 5 | 1.3 | 5 | 20 | 150 |
| 2N6487 | PPC, Inc. | TO-220 | STD | | 24425 | 75 | 15 | 70 | 60 | 5 | 1.3 | 5 | 20 | 150 |
| 2N6488 | PPC, Inc. | TO-220 | STD | | 24426 | 75 | 15 | 90 | 80 | 5 | 1.3 | 5 | 20 | 150 |
| 2N5731 | PPC, Inc. | TO-61 Iso | STD | | 23468 | 75 | 20 | 100 | 80 | 5 | 1.2 | 5 | 30 | 300 |
| 2N5732 | PPC, Inc. | TO-3 | STD | | 23469 | 75 | 20 | 100 | 80 | 5 | 1.2 | 5 | 30 | 300 |
| 2N1209 | PPC, Inc. | TO-61 | STD | | 22951 | 85 | 5 | 45 | 45 | 5 | 5 | 2 | 20 | 80 |
| 2N1212 | PPC, Inc. | TO-61 | STD | | 22952 | 85 | 5 | 60 | 60 | 10 | 5 | 1 | 12 | 36 |
| 2N5970 | PPC, Inc. | TO-3 | STD | | 23499 | 85 | 15 | 80 | 80 | 5 | 2 | 1.5 | 20 | 100 |
| 2N4301 | PPC, Inc. | TO-61 | STD | | 23217 | 87 | 10 | 100 | 80 | 8 | 1 | 5 | 30 | 120 |
| 2N5264 | PPC, Inc. | TO-3 | STD | | 23340 | 87 | 10 | 300 | 180 | 6 | 0.65 | 1 | 30 | 300 |
| 2N7142 | PPC, Inc. | TO-3 | STD | | 23640 | 87 | 12 | 110 | 60 | 6 | 0.5 | 8 | 60 | 150 |
| 2N7143 | PPC, Inc. | TO-3 | STD | | 23641 | 87 | 12 | 130 | 80 | 6 | 0.5 | 8 | 60 | 150 |
| 2N5067 | PPC, Inc. | TO-3 | STD | | 23271 | 87.5 | 5 | 40 | 40 | 5 | 0.4 | 1 | 20 | 80 |
| 2N5068 | PPC, Inc. | TO-3 | STD | | 23272 | 87.5 | 5 | 60 | 60 | 5 | 0.4 | 1 | 20 | 80 |
| 2N5069 | PPC, Inc. | TO-3 | STD | | 23273 | 87.5 | 5 | 80 | 80 | 5 | 0.4 | 1 | 20 | 80 |
| 2N5317 | PPC, Inc. | TO-61 Iso | STD | | 23350 | 87.5 | 10 | 80 | 80 | 6 | 0.6 | 5 | 30 | 90 |
| 2N5319 | PPC, Inc. | TO-61 Iso | STD | | 23351 | 87.5 | 10 | 100 | 100 | 6 | 0.6 | 5 | 30 | 90 |
| 2N5542 | PPC, Inc. | TO-61 | STD | | 23386 | 87.5 | 10 | 175 | 130 | 8 | 2.5 | 5 | 30 | 90 |
| 2N5218 | PPC, Inc. | TO-61 | STD | | 23313 | 87.5 | 10 | 220 | 200 | 8 | 0.5 | 5 | 15 | 120 |
| 2N5540 | PPC, Inc. | TO-61 | STD | | 23384 | 87.5 | 10 | 325 | 300 | 8 | 2.5 | 5 | 20 | 60 |
| 2N5313 | PPC, Inc. | TO-61 | STD | | 23348 | 87.5 | 20 | 80 | 80 | 6 | 1.5 | 10 | 30 | 90 |
| 2N5315 | PPC, Inc. | TO-61 | STD | | 23349 | 87.5 | 20 | 100 | 100 | 6 | 1.5 | 10 | 30 | 90 |
| 2N4913 | PPC, Inc. | TO-3 | STD | | 23233 | 88 | 5 | 40 | 40 | 5 | 0.75 | 2.5 | 25 | 100 |
| 2N4914 | PPC, Inc. | TO-3 | STD | | 23234 | 88 | 5 | 60 | 60 | 5 | 0.75 | 2.5 | 25 | 100 |
| 2N4915 | PPC, Inc. | TO-3 | STD | | 23235 | 88 | 5 | 80 | 80 | 5 | 0.75 | 2.5 | 25 | 100 |
| 2N5874 | PPC, Inc. | TO-3 | STD | | 23485 | 90 | 7 | 80 | 80 | 6 | 1 | 2.5 | 20 | 100 |

Section Organization: NPN Transistor Parametric Section is organized by ascending PD (watts), followed by ascending IC (amps), and then by Part Number

General Notes:

1. Information on contacting Microsemi Divisions can be obtained on the back cover of this catalog
2. For detailed VCE(sat) data refer to the product datasheets by using the fax on demand system or contacting the Microsemi manufacturing division.
4. Datasheets can be obtained from Microsemi's Website or Fax on Demand System by specifying the Data Sheet ID

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