

# 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.
3. For detailed HFE 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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