

# 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)
2N6316	PPC, Inc.	TO-66	STD		23545	90	7	80	80	6	2	2.5	20	100
2N3788	PPC, Inc.	TO-3	STD		23141	100	2	400	325	5	1	0.5	20	80
2N5838	PPC, Inc.	TO-3	STD		23480	100	3	275	250	6	1	3	8	40
2N5839	PPC, Inc.	TO-3	STD		23481	100	3	300	275	6	1.5	2	10	50
2N5840	PPC, Inc.	TO-3	STD		23482	100	3	375	350	6	1.5	2	10	50
JANTXV2N3902	PPC, Inc.	TO-3	STD	371	23158	100	3.2	700	400	5	2.5	1	30	90
2N3902	PPC, Inc.	TO-3	STD		23155	100	3.5	700	400	5	2.5	1	30	90
JAN2N3902	PPC, Inc.	TO-3	STD	371	23156	100	3.5	700	400	5	2.5	1	30	90
JANTX2N3902	PPC, Inc.	TO-3	STD	371	23157	100	3.5	700	400	5	2.5	1	30	90
2N5157	PPC, Inc.	TO-3	STD		23308	100	3.5	700	500	6	2.5	1	30	90
JAN2N5157	PPC, Inc.	TO-3	STD	371	23309	100	3.5	700	500	6	2.5	1	30	90
JANTX2N5157	PPC, Inc.	TO-3	STD	371	23310	100	3.5	700	500	6	2.5	1	30	90
JANTXV2N5157	PPC, Inc.	TO-3	STD	371	23311	100	3.5	700	500	6	2.5	1	30	90
2N5240	PPC, Inc.	TO-3	STD		23335	100	5	375	300	6	2.5	2	20	80
2N6542	PPC, Inc.	TO-3	STD		23593	100	5	650	300	6	1	3	7	35
2N6543	PPC, Inc.	TO-3	STD		23594	100	5	850	400	8	1	3	7	35
2N5049	PPC, Inc.	TO-61	STD		23267	100	10	60	50	14	2.5	10	15	60
2N5006	PPC, Inc.	TO-61 Iso	STD		23248	100	10	100	80	6	0.9	5	30	90
2N5008	PPC, Inc.	TO-61 Iso	STD		23249	100	10	100	80	6	0.9	5	70	200
2N5048	PPC, Inc.	TO-61	STD		23266	100	10	120	100	14	2	10	15	60
JANS2N5239	PPC, Inc.	TO-3	STD	560	23334	100	10	300	225	6	2.5	2	20	80
2N6563	PPC, Inc.	TO-61 Iso	STD		23607	100	10	300	300	5	0.75	5	10	40
2N6562	PPC, Inc.	TO-61 Iso	STD		23606	100	10	450	450	5	0.75	5	10	40
2N6569	PPC, Inc.	TO-3	STD		23608	100	12	45	40	5	1.5	3	15	200
2N5412	PPC, Inc.	TO-61	STD		23374	100	15	80	60	7	1.5	2	10	160
2N3597	PPC, Inc.	TO-63	STD		23110	100	20	60	40	8	5	10	40	120
2N3598	PPC, Inc.	TO-63	STD		23111	100	20	80	60	8	0.5	10	40	120
2N4210	PPC, Inc.	TO-63	STD		23205	100	20	80	60	10	1	10	20	100
2N3599	PPC, Inc.	TO-63	STD		23112	100	20	100	80	8	0.5	10	40	120
2N4211	PPC, Inc.	TO-63	STD		23206	100	20	100	80	10	1	10	20	100
2N4002	PPC, Inc.	TO-63	STD		23186	100	30	100	80	8	1.2	15	20	80
2N4003	PPC, Inc.	TO-63	STD		23187	100	30	120	100	8	1.2	15	20	80
2N5329	PPC, Inc.	TO-61 Iso	STD		23357	113	20	150	90	8	1.8	10	40	120
2N6046	PPC, Inc.	TO-63	STD		23502	114	20	70	60	7	2	20	20	100
2N6047	PPC, Inc.	TO-63	STD		23503	114	20	110	100	7	2	20	20	100
2N6048	PPC, Inc.	TO-63	STD		23504	114	20	150	140	7	2	20	20	100
2N5873	PPC, Inc.	TO-3	STD		23484	115	7	60	60	6	1	2.5	20	100
2N6315	PPC, Inc.	TO-66	STD		23544	115	7	60	60	6	2	2.5	20	100
2N3445	PPC, Inc.	TO-3	STD		23094	115	7.5	80	60	6	1.5	3	20	60
2N3447	PPC, Inc.	TO-3	STD		23096	115	7.5	80	60	6	1.5	5	40	120
2N3487	PPC, Inc.	TO-61	STD		23099	115	7.5	80	60	10	1.2	3	20	60
2N3490	PPC, Inc.	TO-61	STD		23102	115	7.5	80	60	10	0.3	5	40	120
2N3446	PPC, Inc.	TO-3	STD		23095	115	7.5	100	80	10	1.5	3	20	60
2N3448	PPC, Inc.	TO-3	STD		23097	115	7.5	100	80	10	1.5	5	40	120
2N3488	PPC, Inc.	TO-61	STD		23100	115	7.5	100	80	10	1.2	3	20	60

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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