

NPN Transistors

Microsemi
Products Powered by Technology

Part Number	Microsemi Division	Package Outline	Type	Mil Spec	Data Sheet ID	PD (W)	IC (A)	V _{cb0} (V)	V _{ce0} (V)	V _{eb0} (V)	V _{CE(sat)} (V)	@ IC (mA)	HFE min (dB)	HFE max (dB)
JANS2N3997	PPC, Inc.	TO-111 Iso	STD	374	23173	30	5	100	80	8	0.25	1	80	240
JANS2N3998	PPC, Inc.	TO-111	STD	374	23178	30	5	100	80	8	0.25	1	40	120
JANS2N3999	PPC, Inc.	TO-111	STD	374	23183	30	5	100	80	8	0.25	1	80	240
JANTX2N2880	PPC, Inc.	TO-111	STD	315	23010	30	5	100	80	8	0.25	1	40	120
JANTX2N3749	PPC, Inc.	TO-111 Iso	STD	315	23133	30	5	100	80	8	0.25	1	40	120
JANTX2N3996	PPC, Inc.	TO-111 Iso	STD	374	23166	30	5	100	80	8	0.25	1	40	120
JANTX2N3997	PPC, Inc.	TO-111 Iso	STD	374	23171	30	5	100	80	8	0.25	1	80	240
JANTX2N3998	PPC, Inc.	TO-111	STD	374	23176	30	5	100	80	8	0.25	1	40	120
JANTX2N3999	PPC, Inc.	TO-111	STD	374	23181	30	5	100	80	8	0.25	1	80	240
JANTXV2N2880	PPC, Inc.	TO-111	STD	315	23011	30	5	100	80	8	0.25	1	40	120
JANTXV2N3749	PPC, Inc.	TO-111 Iso	STD	315	23134	30	5	100	80	8	0.25	1	40	120
JANTXV2N3996	PPC, Inc.	TO-111 Iso	STD	374	23167	30	5	100	80	8	0.25	1	40	120
JANTXV2N3997	PPC, Inc.	TO-111 Iso	STD	374	23172	30	5	100	80	8	0.25	1	80	240
JANTXV2N3998	PPC, Inc.	TO-111	STD	374	23177	30	5	100	80	8	0.25	1	40	120
JANTXV2N3999	PPC, Inc.	TO-111	STD	374	23182	30	5	100	80	8	0.25	1	80	240
2N5328	PPC, Inc.	TO-111 Iso	STD		23356	30	10	100	80	5	0.6	5	50	150
2N5658	PPC, Inc.	TO-59	STD		23413	30	10	120	80	7	0.5	5	50	150
2N5659	PPC, Inc.	TO-111 Iso	STD		23414	30	10	120	80	7	0.5	5	50	150
2N3583	PPC, Inc.	TO-66	STD		23107	35	1	250	175	6	5	0.75	40	200
2N4998	PPC, Inc.	TO-59 Iso	STD		23236	35	2	100	80	6	0.85	1	30	90
2N5000	PPC, Inc.	TO-59 Iso	STD		23237	35	2	100	80	6	0.85	1	70	200
2N6215	PPC, Inc.	TO-63	STD		23512	35	2	100	80	8	0.8	2.5	25	150
2N5660	PPC, Inc.	TO-66	STD		23415	35	2	250	200	6	0.4	1	40	120
JAN2N5660	PPC, Inc.	TO-66	STD	454	23416	35	2	250	200	6	0.4	1	40	120
JANTX2N5660	PPC, Inc.	TO-66	STD	454	23417	35	2	250	200	6	0.4	1	40	120
JANTXV2N5660	PPC, Inc.	TO-66	STD	454	23418	35	2	250	200	6	0.4	1	40	120
2N3584	PPC, Inc.	TO-66	STD		23108	35	2	375	250	6	0.75	1	8	80
2N3585	PPC, Inc.	TO-66	STD		23109	35	2	500	300	6	0.75	1	8	80
2N4240	PPC, Inc.	TO-5	STD		23215	35	2	500	300	6	1	1	30	150
2N5661	PPC, Inc.	TO-66	STD		23419	35	2	400	300	6	0.4	1	25	75
JAN2N5661	PPC, Inc.	TO-66	STD	454	23420	35	2	400	300	6	0.4	1	25	75
JANTX2N5661	PPC, Inc.	TO-66	STD	454	23421	35	2	400	300	6	0.4	1	25	75
JANTXV2N5661	PPC, Inc.	TO-66	STD	454	23422	35	2	400	300	6	0.4	1	25	75
2N3929	PPC, Inc.	TO-111	STD		23163	35	3	80	40	4	0.5	1	40	150
2N5202	PPC, Inc.	TO-66	STD		23312	35	4	100	50	6	1.2	4	10	100
2N3878	PPC, Inc.	TO-66	STD		23150	35	7	120	50	7	2	0.5	50	200
2N3879	PPC, Inc.	TO-66	STD		23151	35	7	120	75	7	1.2	4	12	100
JAN2N3879	PPC, Inc.	TO-66	STD	526	23152	35	7	120	75	7	1.2	4	12	100
JANTX2N3879	PPC, Inc.	TO-66	STD	526	23153	35	7	120	75	7	1.2	4	12	100
JANTXV2N3879	PPC, Inc.	TO-66	STD	526	23154	35	7	120	75	7	1.2	4	12	100
2N5296	PPC, Inc.	TO-220	STD		24397	36	4	60	40	5	1	1	30	120
2N5298	PPC, Inc.	TO-220	STD		24398	36	4	80	60	5	1	1.5	20	80
2N5294	PPC, Inc.	TO-220	STD		24396	36	4	80	70	7	1	0.5	30	120
2N4116	PPC, Inc.	TO-59 Iso	STD		23194	37	5	120	80	8	0.6	2	100	300
2N5050	PPC, Inc.	TO-66	STD		23268	40	2	125	125	6	1	0.75	25	100

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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 V_{CE(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

Fax On Demand (800) 713-4113

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<http://www.microsemi.com>