

# NPN Transistors

**Microsemi**  
Progress Powered by Technology

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)
2N5109	Watertown	TO-39	STD		18715	1	0.4	40	20	3	0.5	100	40	150
JAN2N5109	Watertown	TO-39	STD	453	19951	1	0.4	40	20	3	0.5	100	40	150
JANTX2N5109	Watertown	TO-39	STD	453	19952	1	0.4	40	20	3	0.5	100	40	150
JANTXV2N5109	Watertown	TO-39	STD	453	19953	1	0.4	40	20	3	0.5	100	40	150
2N3866A	Watertown	TO-39	STD		18717	1	0.4	60	30	3.5	1	100	25	200
JAN2N3866A	Watertown	TO-39	STD	398	19934	1	0.4	60	30	3.5	1	100	25	200
JANTX2N3866A	Watertown	TO-39	STD	398	19935	1	0.4	60	30	3.5	1	100	25	200
JANTXV2N3866A	Watertown	TO-39	STD	398	19936	1	0.4	60	30	3.5	1	100	25	200
2N2106	PPC, Inc.	TO-5	STD		22983	1	0.5	60	60	8	5	0.2	12	36
2N2107	PPC, Inc.	TO-5	STD		22984	1	0.5	60	60	8	2	0.2	30	90
2N2108	PPC, Inc.	TO-5	STD		22985	1	0.5	66	60	8	2	0.2	75	200
2N3498	Watertown	TO-5	STD		18718	1	0.5	100	100	6	0.4	150	100	300
JAN2N3498	Watertown	TO-5	STD	366	19871	1	0.5	100	100	6	0.4	150	100	300
JANTX2N3498	Watertown	TO-5	STD	366	19872	1	0.5	100	100	6	0.4	150	100	300
JANTXV2N3498	Watertown	TO-5	STD	366	19873	1	0.5	100	100	6	0.4	150	100	300
2N2726	PPC, Inc.	TO-5	STD		22996	1	0.5	200	150	10	2	0.2	30	90
2N2727	PPC, Inc.	TO-5	STD		22997	1	0.5	200	150	10	2	0.2	75	150
2N4000	PPC, Inc.	TO-5	STD		23184	1	1	100	80	8	0.5	0.5	30	120
2N4001	PPC, Inc.	TO-5	STD		23185	1	1	120	100	8	0.5	0.5	40	120
2N5252	PPC, Inc.	TO-5	STD		23339	1	1	300	300	6	1	0.1	40	100
2N3735	Watertown	TO-5	STD		18720	1	1.5	75	40	5	0.5	500	40	140
JAN2N3735	Watertown	TO-39	STD	395	19901	1	1.5	75	40	5	0.5	500	40	140
JANTX2N3735	Watertown	TO-5	STD	395	19902	1	1.5	75	40	5	0.5	500	40	140
JANTXV2N3735	Watertown	TO-5	STD	395	19903	1	1.5	75	40	5	0.5	500	40	140
2N3469	PPC, Inc.	TO-5	STD		23098	1.2	5	35	25	8	0.5	1	100	
BC547	PPC, Inc.	TO-92	STD		24389	1.5	0.1	50	45	6	0.25	0.01	110	800
BC547A	PPC, Inc.	TO-92	STD		24390	1.5	0.1	50	45	6	0.25	0.01	110	220
BC547B	PPC, Inc.	TO-92	STD		24391	1.5	0.1	50	45	6	0.25	0.01	200	450
BC547C	PPC, Inc.	TO-92	STD		24392	1.5	0.1	50	45	6	0.25	0.01	420	800
2N4124	PPC, Inc.	TO-92	STD		24378	1.5	0.2	30	25	5	0.3	0.05	120	360
2N3904	PPC, Inc.	TO-92	STD		24376	1.5	0.2	60	40	6	0.2	0.01	100	300
PN2369A	PPC, Inc.	TO-92	STD		24394	1.5	0.5	40	15	4.5	0.2	0.01	40	120
2N4401	PPC, Inc.	TO-92	STD		24380	1.5	0.6	60	40	6	0.4	0.15	100	300
PN2222A	PPC, Inc.	TO-92	STD		24393	1.5	0.6	75	40	6	0.3	0.15	100	300
2N5551	PPC, Inc.	TO-92	STD		24383	1.5	0.6	180	160	6	0.15	0.01	80	250
BC337	PPC, Inc.	TO-92	STD		24388	1.5	0.8	50	45	5	0.7	0.5	100	630
2N4307	PPC, Inc.	TO-5	STD		23219	1.5	5	100	60	6	1	1	50	150

**NPN**

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

Fax On Demand (800) 713-4113

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