

# 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)
2N5682	PPC, Inc.	TO-5	STD		23463	10	1	120	120	4	0.6	0.3	40	150
2N5321	PPC, Inc.	TO-5	STD		23353	10	2	75	50	7	0.8	0.5	40	250
2N5320	PPC, Inc.	TO-5	STD		23352	10	2	100	75	7	0.5	0.5	30	130
2N5786	PPC, Inc.	TO-5	STD		23477	10	3.5	45	40	3.5	1	1.6	20	100
2N5785	PPC, Inc.	TO-5	STD		23476	10	3.5	65	50	5.5	0.75	1.2	20	100
2N5784	PPC, Inc.	TO-5	STD		23475	10	3.5	80	65	5.5	0.5	1	20	100
2N4877	PPC, Inc.	TO-5	STD		23226	10	4	70	60	5	1	4	20	100
2N5152	PPC, Inc.	TO-5	STD		23288	11.8	2	100	80	6	1.5	2.5	30	90
2N5152L	PPC, Inc.	TO-5	STD		23293	11.8	2	100	80	6	1.5	2.5	30	90
2N5154	PPC, Inc.	TO-5	STD		23298	11.8	2	100	80	6	1.5	2.5	70	200
2N5154L	PPC, Inc.	TO-5	STD		23303	11.8	2	100	80	6	1.5	2.5	70	200
JAN2N5152	PPC, Inc.	TO-5	STD	544	23289	11.8	2	100	80	6	1.5	2.5	30	90
JAN2N5152L	PPC, Inc.	TO-5	STD	544	23294	11.8	2	100	80	6	1.5	2.5	30	90
JAN2N5154	PPC, Inc.	TO-5	STD	544	23299	11.8	2	100	80	6	1.5	2.5	70	200
JAN2N5154L	PPC, Inc.	TO-5	STD	544	23304	11.8	2	100	80	6	1.5	2.5	70	200
JANS2N5152	PPC, Inc.	TO-5	STD	544	23292	11.8	2	100	80	6	1.5	2.5	30	90
JANS2N5152L	PPC, Inc.	TO-5	STD	544	23297	11.8	2	100	80	6	1.5	2.5	30	90
JANS2N5154	PPC, Inc.	TO-5	STD	544	23302	11.8	2	100	80	6	1.5	2.5	70	200
JANS2N5154L	PPC, Inc.	TO-5	STD	544	23307	11.8	2	100	80	6	1.5	2.5	70	200
JANTX2N5152	PPC, Inc.	TO-5	STD	544	23290	11.8	2	100	80	6	1.5	2.5	30	90
JANTX2N5152L	PPC, Inc.	TO-5	STD	544	23295	11.8	2	100	80	6	1.5	2.5	30	90
JANTX2N5154	PPC, Inc.	TO-5	STD	544	23300	11.8	2	100	80	6	1.5	2.5	70	200
JANTX2N5154L	PPC, Inc.	TO-5	STD	544	23305	11.8	2	100	80	6	1.5	2.5	70	200
JANTXV2N5152	PPC, Inc.	TO-5	STD	544	23291	11.8	2	100	80	6	1.5	2.5	30	90
JANTXV2N5152L	PPC, Inc.	TO-5	STD	544	23296	11.8	2	100	80	6	1.5	2.5	30	90
JANTXV2N5154	PPC, Inc.	TO-5	STD	544	23301	11.8	2	100	80	6	1.5	2.5	70	200
JANTXV2N5154L	PPC, Inc.	TO-5	STD	544	23306	11.8	2	100	80	6	1.5	2.5	70	200
2N3418	PPC, Inc.	TO-5	STD		23034	15	3	85	60	8	0.5	1	20	60
2N3418S	PPC, Inc.	TO-5	STD		23039	15	3	85	60	8	0.5	1	20	60
2N3420	PPC, Inc.	TO-5	STD		23054	15	3	85	60	8	0.5	1	40	120
2N3420S	PPC, Inc.	TO-5	STD		23059	15	3	85	60	8	0.5	1	40	120
JAN2N3418	PPC, Inc.	TO-5	STD	393	23035	15	3	85	60	8	0.5	1	20	60
JAN2N3418S	PPC, Inc.	TO-5	STD	393	23040	15	3	85	60	8	0.5	1	20	60
JAN2N3420	PPC, Inc.	TO-5	STD	393	23055	15	3	85	60	8	0.5	1	40	120
JAN2N3420S	PPC, Inc.	TO-5	STD	393	23060	15	3	85	60	8	0.5	1	40	120
JANS2N3418	PPC, Inc.	TO-5	STD	393	23038	15	3	85	60	8	0.5	1	20	60
JANS2N3418S	PPC, Inc.	TO-5	STD	393	23043	15	3	85	60	8	0.5	1	20	60
JANS2N3420	PPC, Inc.	TO-5	STD	393	23058	15	3	85	60	8	0.5	1	40	120
JANS2N3420S	PPC, Inc.	TO-5	STD	393	23063	15	3	85	60	8	0.5	1	40	120
JANTX2N3418	PPC, Inc.	TO-5	STD	393	23036	15	3	85	60	8	0.5	1	20	60
JANTX2N3418S	PPC, Inc.	TO-5	STD	393	23041	15	3	85	60	8	0.5	1	20	60
JANTX2N3420	PPC, Inc.	TO-5	STD	393	23056	15	3	85	60	8	0.5	1	40	120
JANTX2N3420S	PPC, Inc.	TO-5	STD	393	23061	15	3	85	60	8	0.5	1	40	120
JANTXV2N3418	PPC, Inc.	TO-5	STD	393	23037	15	3	85	60	8	0.5	1	20	60
JANTXV2N3418S	PPC, Inc.	TO-5	STD	393	23042	15	3	85	60	8	0.5	1	20	60

**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

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**NPN-9**

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