

# NPN Transistors

**Microsemi**  
Power Focused 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	HFE max (dB)
JANS2N5664	PPC, Inc.	TO-66	STD	455	23435	52	5	250	200	6	0.4	1	40	120
JANTX2N5664	PPC, Inc.	TO-66	STD	455	23433	52	5	250	200	6	0.4	1	40	120
JANTXV2N5664	PPC, Inc.	TO-66	STD	455	23434	52	5	250	200	6	0.4	1	40	120
2N5665	PPC, Inc.	TO-66	STD		23436	52	5	400	300	6	0.4	1	25	75
JAN2N5665	PPC, Inc.	TO-66	STD	455	23437	52	5	400	300	6	0.4	1	25	75
JANS2N5665	PPC, Inc.	TO-66	STD	455	23440	52	5	400	300	6	0.4	1	25	75
JANTX2N5665	PPC, Inc.	TO-66	STD	455	23438	52	5	400	300	6	0.4	1	25	75
JANTXV2N5665	PPC, Inc.	TO-66	STD	455	23439	52	5	400	300	6	0.4	1	25	75
2N7374	PPC, Inc.	TO-257	STD		23644	52.5	5	250	200	6	0.4	1	40	120
2N7375	PPC, Inc.	TO-257	STD		23645	52.5	5	400	300	6	0.4	1	25	75
2N5614	PPC, Inc.	TO-3	STD		23399	58	5	80	60	6	1.5	2.5	70	200
2N5002	PPC, Inc.	TO-59 Iso	STD		23238	58	5	100	80	6	1.5	2.5	30	90
2N5004	PPC, Inc.	TO-59 Iso	STD		23243	58	5	100	80	6	1.5	2.5	70	200
2N5616	PPC, Inc.	TO-3	STD		23400	58	5	100	80	6	1.5	2.5	30	90
2N5618	PPC, Inc.	TO-3	STD		23401	58	5	100	80	6	1.5	2.5	70	200
2N7373	PPC, Inc.	TO-254	STD		23643	58	5	100	80	5.5	0.75	2.5	70	200
JAN2N5002	PPC, Inc.	TO-59 Iso	STD	534	23239	58	5	100	80	6	1.5	2.5	30	90
JAN2N5004	PPC, Inc.	TO-59 Iso	STD	534	23244	58	5	100	80	6	1.5	2.5	70	200
JANS2N5002	PPC, Inc.	TO-59 Iso	STD	534	23242	58	5	100	80	6	1.5	2.5	30	90
JANS2N5004	PPC, Inc.	TO-59 Iso	STD	534	23247	58	5	100	80	6	1.5	2.5	70	200
JANTX2N5002	PPC, Inc.	TO-59 Iso	STD	534	23240	58	5	100	80	6	1.5	2.5	30	90
JANTX2N5004	PPC, Inc.	TO-59 Iso	STD	534	23245	58	5	100	80	6	1.5	2.5	70	200
JANTXV2N5002	PPC, Inc.	TO-59 Iso	STD	534	23241	58	5	100	80	6	1.5	2.5	30	90
JANTXV2N5004	PPC, Inc.	TO-59 Iso	STD	534	23246	58	5	100	80	6	1.5	2.5	70	200
2N5620	PPC, Inc.	TO-3	STD		23402	58	5	120	100	6	1.5	2.5	30	90
2N7376	PPC, Inc.	TO-254	STD		23646	58	5	250	200	6	0.4	1	40	120
2N7377	PPC, Inc.	TO-254	STD		23647	58	5	400	300	6	0.4	1	25	75
2N5346	PPC, Inc.	TO-59 Iso	STD		23368	60	7	100	80	6	0.7	2	30	120
2N5347	PPC, Inc.	TO-59 Iso	STD		23369	60	7	80	80	6	0.7	2	60	240
2N5348	PPC, Inc.	TO-59 Iso	STD		23370	60	7	100	100	6	0.7	2	30	120
2N5349	PPC, Inc.	TO-59 Iso	STD		23371	60	7	100	100	6	0.7	2	60	240
2N5804	PPC, Inc.	TO-3	STD		23478	62	5	300	225	6	2	5	10	100
2N5805	PPC, Inc.	TO-3	STD		23479	62	5	375	300	6	2	5	10	100
TIP120	PPC, Inc.	TO-220	STD		24368	65	5	60	60	5	2	3	1000	
TIP121	PPC, Inc.	TO-220	STD		24369	65	5	80	80	5	2	3	1000	
TIP122	PPC, Inc.	TO-220	STD		24370	65	5	100	100	5	2	3	1000	
TIP41	PPC, Inc.	TO-220	STD		24354	65	6	40	40	5	1.5	6	15	75
TIP41A	PPC, Inc.	TO-220	STD		24355	65	6	60	60	5	1.5	6	15	75
TIP41B	PPC, Inc.	TO-220	STD		24356	65	6	80	80	5	1.5	6	15	75
TIP41C	PPC, Inc.	TO-220	STD		24357	65	6	100	100	5	1.5	6	15	75
2N6386	PPC, Inc.	TO-220	STD		24419	65	8	40	40	5	2	3	1000	2000
2N6387	PPC, Inc.	TO-220	STD		24420	65	10	60	60	5	2	5	1000	2000
2N6388	PPC, Inc.	TO-220	STD		24421	65	10	80	80	5	2	5	1000	2000
2N4070	PPC, Inc.	TO-3	STD		23188	65	10	120	100	8	0.6	5	40	120
2N4071	PPC, Inc.	TO-3	STD		23189	65	10	200	150	8	0.6	5	40	120

**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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