

# NPN Transistors

**Microsemi**  
Formerly Fairchild Semiconductor

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)
2N5039	PPC, Inc.	TO-3	STD		23261	140	20	110	75	7	1	10	20	100
JAN2N5039	PPC, Inc.	TO-3	STD	439	23262	140	20	110	75	7	1	10	20	100
JANS2N5039	PPC, Inc.	TO-3	STD	439	23265	140	20	110	75	7	1	10	20	100
JANTX2N5039	PPC, Inc.	TO-3	STD	439	23263	140	20	110	75	7	1	10	20	100
JANTXV2N5039	PPC, Inc.	TO-3	STD	439	23264	140	20	110	75	7	1	10	20	100
2N5038	PPC, Inc.	TO-3	STD		23256	140	20	140	90	7	1	12	20	100
2N5330	PPC, Inc.	TO-61 Iso	STD		23358	140	20	150	90	8	0.6	10	40	120
JAN2N5038	PPC, Inc.	TO-3	STD	439	23257	140	20	140	90	7	1	12	20	100
JANS2N5038	PPC, Inc.	TO-3	STD	439	23260	140	20	140	90	7	1	12	20	100
JANTX2N5038	PPC, Inc.	TO-3	STD	439	23258	140	20	140	90	7	1	12	20	100
JANTXV2N5038	PPC, Inc.	TO-3	STD	439	23259	140	20	140	90	7	1	12	20	100
2N5672	PPC, Inc.	TO-3	STD		23461	140	30	150	120	7	0.75	15	20	100
2N6033	PPC, Inc.	TO-3	STD		23501	140	40	150	120	8	1	40	10	50
2N6032	PPC, Inc.	TO-3	STD		23500	140	50	120	90	7	1.3	50	10	50
2N5758	PPC, Inc.	TO-3	STD		23472	150	6	100	100	7	1	0.3	25	100
2N5759	PPC, Inc.	TO-3	STD		23473	150	6	120	120	7	1	3	20	80
2N5760	PPC, Inc.	TO-3	STD		23474	150	6	140	140	7	1	3	15	60
2N6671	PPC, Inc.	TO-3	STD		23621	150	8	450	300	7	1.5	5	10	40
2N6672	PPC, Inc.	TO-3	STD		23622	150	8	550	350	7	1.5	5	10	40
2N6673	PPC, Inc.	TO-3	STD		23623	150	8	650	400	7	1.5	5	10	40
2N6835	PPC, Inc.	TO-3	STD		23637	150	8	850	450	6	2.5	5	7.5	30
2N5877	PPC, Inc.	TO-3	STD		23486	150	10	60	60	6	1	4	20	100
2N5878	PPC, Inc.	TO-3	STD		23487	150	10	80	80	6	1	4	20	100
2N5632	PPC, Inc.	TO-3	STD		23410	150	10	100	100	7	1	5	25	100
2N5633	PPC, Inc.	TO-3	STD		23411	150	10	120	120	7	1	5	20	80
2N5634	PPC, Inc.	TO-3	STD		23412	150	10	140	140	7	1	5	15	60
2N1936	PPC, Inc.	TO-63	STD		22978	150	20	125	60	6	0.75	10	10	50
2N1937	PPC, Inc.	TO-63	STD		22979	150	20	125	80	6	0.75	10	10	50
2N3846	PPC, Inc.	TO-63	STD		23142	150	20	300	200	10	0.75	10	10	60
2N3848	PPC, Inc.	TO-63	STD		23144	150	20	300	200	10	1	15	40	200
2N3847	PPC, Inc.	TO-63	STD		23143	150	20	400	300	10	0.75	10	10	60
2N3849	PPC, Inc.	TO-63	STD		23145	150	20	400	300	10	1	15	40	200
2N5733	PPC, Inc.	TO-63	STD		23470	150	30	100	80	6	1.2	10	30	300
2N5734	PPC, Inc.	TO-3	STD		23471	150	30	100	80	5	1.2	10	30	300
2N5560	PPC, Inc.	TO-63	STD		23388	150	30	175	120	8	0.8	15	30	90
2N6062	PPC, Inc.	TO-63 Iso	STD		23506	150	50	100	100	10	1	20	20	120
2N6063	PPC, Inc.	TO-63 Iso	STD		23507	150	50	100	100	10	1.8	20	20	120
2N5881	PPC, Inc.	TO-3	STD		23488	160	15	60	60	6	1	6	20	100
2N5882	PPC, Inc.	TO-3	STD		23489	160	15	80	80	6	1	6	20	100
2N5388	PPC, Inc.	TO-61	STD		23372	175	7.5	250	250	10	0.5	5	10	60
2N5389	PPC, Inc.	TO-61	STD		23373	175	7.5	300	300	10	0.5	5	10	90
2N6249	PPC, Inc.	TO-3	STD		23517	175	10	225	200	6	1.5	10	10	50
JAN2N6249	PPC, Inc.	TO-3	STD	510	23518	175	10	225	200	6	1.5	10	10	50
JANS2N6249	PPC, Inc.	TO-3	STD	510	23521	175	10	225	200	6	1.5	10	10	50
JANTX2N6249	PPC, Inc.	TO-3	STD	510	23519	175	10	225	200	6	1.5	10	10	50

**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:**

- Information on contacting Microsemi Divisions can be obtained on the back cover of this catalog
- For detailed VCE(sat) data refer to the product datasheets by using the fax on demand system or contacting the Microsemi manufacturing division.
- Datasheets can be obtained from Microsemi's Website or Fax on Demand System by specifying the Data Sheet ID