

NPN Transistors

Microsemi
Formerly known as Linear 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)
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

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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 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

NPN-19

<http://www.microsemi.com>