

# 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)
JANTXV2N3440L	PPC, Inc.	TO-5	STD	368	23092	5	1	300	250	7	0.5	0.02	40	160
2N3439	PPC, Inc.	TO-5	STD		23074	5	1	450	350	7	0.5	0.02	40	160
2N3439L	PPC, Inc.	TO-5	STD		23079	5	1	450	350	7	0.5	0.02	40	160
JAN2N3439	PPC, Inc.	TO-5	STD	368	23075	5	1	450	350	7	0.5	0.02	40	160
JAN2N3439L	PPC, Inc.	TO-5	STD	368	23080	5	1	450	350	7	0.5	0.02	40	160
JANS2N3439	PPC, Inc.	TO-5	STD	368	23078	5	1	450	350	7	0.5	0.02	40	160
JANS2N3439S	PPC, Inc.	TO-5	STD	368	23083	5	1	450	350	7	0.5	0.02	40	160
JANTX2N3439	PPC, Inc.	TO-5	STD	368	23076	5	1	450	350	7	0.5	0.02	40	160
JANTX2N3439L	PPC, Inc.	TO-5	STD	368	23081	5	1	450	350	7	0.5	0.02	40	160
JANTXV2N3439	PPC, Inc.	TO-5	STD	368	23077	5	1	450	350	7	0.5	0.02	40	160
JANTXV2N3439L	PPC, Inc.	TO-5	STD	368	23082	5	1	450	350	7	0.5	0.02	40	160
2N1479	PPC, Inc.	TO-5	STD		22953	5	1.5	60	40	12	1.4	0.2	20	60
2N1481	PPC, Inc.	TO-5	STD		22955	5	1.5	60	40	12	1.4	0.2	35	100
2N1480	PPC, Inc.	TO-5	STD		22954	5	1.5	100	55	12	1.4	0.2	20	60
2N1482	PPC, Inc.	TO-5	STD		22956	5	1.5	100	55	12	1.4	0.2	35	100
2N2890	PPC, Inc.	TO-5	STD		23013	5	2	100	80	5	0.75	1	30	90
2N2891	PPC, Inc.	TO-5	STD		23014	5	2	100	80	5	0.75	1	50	150
2N4225	PPC, Inc.	TO-5	STD		23207	5	3	80	40	6	0.5	1	40	150
2N2983	PPC, Inc.	TO-5	STD		23017	5	3	150	80	8	0.6	0.5	20	60
2N2985	PPC, Inc.	TO-5	STD		23019	5	3	150	80	8	1.25	1	40	120
2N2984	PPC, Inc.	TO-5	STD		23018	5	3	185	120	8	1.25	1	20	60
2N2986	PPC, Inc.	TO-5	STD		23020	5	3	185	120	8	1.25	1	40	120
2N3017	PPC, Inc.	TO-5	STD		23030	5	5	100	50	4	0.75	1	60	150
2N4150	PPC, Inc.	TO-5	STD		23195	5	5	100	80	5	0.6	5	40	120
2N4150S	PPC, Inc.	TO-5	STD		23200	5	5	100	80	5	0.6	5	40	120
2N5729	PPC, Inc.	TO-5	STD		23466	5	5	100	80	5	1.5	2	30	300
2N6350	PPC, Inc.	TO-33	STD		23573	5	5	80	80	12	1.5	5	2000	1000
JAN2N4150	PPC, Inc.	TO-5	STD	394	23196	5	5	100	80	5	0.6	5	40	120
JAN2N4150S	PPC, Inc.	TO-5	STD	394	23201	5	5	100	80	5	0.6	5	40	120
JANS2N4150	PPC, Inc.	TO-5	STD	394	23199	5	5	100	80	5	0.6	5	40	120
JANS2N4150S	PPC, Inc.	TO-5	STD	394	23204	5	5	100	80	5	0.6	5	40	120
JANTX2N4150	PPC, Inc.	TO-5	STD	394	23197	5	5	100	80	5	0.6	5	40	120
JANTX2N4150S	PPC, Inc.	TO-5	STD	394	23202	5	5	100	80	5	0.6	5	40	120
JANTXV2N4150	PPC, Inc.	TO-5	STD	394	23198	5	5	100	80	5	0.6	5	40	120
JANTXV2N4150S	PPC, Inc.	TO-5	STD	394	23203	5	5	100	80	5	0.6	5	40	120
2N6351	PPC, Inc.	TO-33	STD		23574	5	5	150	150	12	1.5	5	1000	1000
2N4237	PPC, Inc.	TO-5	STD		23212	6	3	50	40	6	0.6	0.25	30	120
2N4238	PPC, Inc.	TO-5	STD		23213	6	3	80	60	6	0.6	0.25	30	120
2N5334	PPC, Inc.	TO-5	STD		23360	6	3	60	60	8	0.7	1	30	150
2N4239	PPC, Inc.	TO-5	STD		23214	6	3	100	80	6	0.6	0.25	30	120
2N5336	PPC, Inc.	TO-39	STD		23361	6	5	80	80	6	1.2	2	30	120
2N5337	PPC, Inc.	TO-39	STD		23362	6	5	80	80	6	1.2	2	60	240
2N5338	PPC, Inc.	TO-39	STD		23363	6	5	100	100	6	1.2	2	30	120
2N5339	PPC, Inc.	TO-39	STD		23364	6	5	100	100	6	1.2	2	60	240
JAN2N5339	PPC, Inc.	TO-39	STD	560	23365	6	5	100	100	6	1.2	2	60	240

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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

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