NPN Transistors

Microsemi

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)
JAN2N1613L	Watertown	TO-5	STD	181	19756	0.8	0.5	75	30	7	1.5	150	40	120
JAN2N1711	Watertown	TO-5	STD	225	19759	0.8	0.5	75	30	7	1.5	150	100	300
JAN2N1711S	Watertown	TO-39	STD	225	19761	0.8	0.5	75	30	7	1.5	150	100	300
JANTX2N1613	Watertown	TO-39	STD	181	19754	0.8	0.5	75	30	7	1.5	150	40	120
JANTX2N1613L	Watertown	TO-5	STD	181	19757	0.8	0.5	75	30	7	1.5	150	40	120
JANTX2N1711	Watertown	TO-5	STD	225	19760	0.8	0.5	75	30	7	1.5	150	100	300
JANTXV2N1613	Watertown	TO-39	STD	181	19755	0.8	0.5	75	30	7	1.5	150	40	120
JANTXV2N1613L	Watertown	TO-5	STD	181	19758	0.8	0.5	75	30	7	1.5	150	40	120
2N1890	Watertown	TO-5	STD		18705	0.8	0.5	100	60	7	1.5	150	100	300
JAN2N1890	Watertown	TO-5	STD	225	19763	0.8	0.5	100	60	7	1.5	150	100	300
JAN2N1890S	Watertown	TO-39	STD	225	19765	0.8	0.5	100	60	7	1.5	150	100	300
JANTX2N1890	Watertown	TO-5	STD	225	19764	0.8	0.5	100	60	7	1.5	150	100	300
JANTX2N1890S	Watertown	TO-39	STD	225	19766	0.8	0.5	100	60	7	1.5	150	100	300
2N1893	Watertown	TO-5	STD		18706	0.8	0.5	120	80	7	5	150	40	120
JAN2N1893	Watertown	TO-5	STD	182	19767	0.8	0.5	120	80	7	5	150	40	120
JAN2N1893S	Watertown	TO-39	STD	182	19769	0.8	0.5	120	80	7	5	150	40	120
JANTX2N1893	Watertown	TO-5	STD	182	19768	0.8	0.5	120	80	7	5	150	40	120
JANTX2N1893S	Watertown	TO-39	STD	182	19770	0.8	0.5	120	80	7	5	150	40	120
2N2219	Watertown	TO-39	STD		18707	0.8	0.8	60	30	5	0.3	150	100	300
2N2219A	Watertown	TO-5	STD		18708	0.8	0.8	75	50	6	0.3	150	100	300
JAN2N2219A	Watertown	TO-39	STD	251	19777	0.8	0.8	75	50	6	0.3	150	100	300
JAN2N2219AL	Watertown	TO-39	STD	251	19780	0.8	0.8	75	50	6	0.3	150	100	300
JANTX2N2219A	Watertown	TO-39	STD	251	19778	0.8	0.8	75	50	6	0.3	150	100	300
JANTX2N2219AL	Watertown	TO-39	STD	251	19781	0.8	0.8	75	50	6	0.3	150	100	300
JANTXV2N2219A	Watertown	TO-39	STD	251	19779	0.8	0.8	75	50	6	0.3	150	100	300
JANTXV2N2219A	Watertown	TO-39	STD	251	19782	0.8	0.8	75	50	6	0.3	150	100	300
2N3019	Watertown	TO-5	STD		18709	0.8	1	140	80	7	0.2	150	100	300
JAN2N3019	Watertown	TO-39	STD	391	19842	0.8	1	140	80	7	0.2	150	100	300
JAN2N3019S	Watertown	TO-39	STD	391	19845	0.8	1	140	80	7	0.2	150	100	300
JANTX2N3019	Watertown	TO-39	STD	391	19843	0.8	1	140	80	7	0.2	150	100	300
JANTX2N3019S	Watertown	TO-39	STD	391	19846	0.8	1	140	80	7	0.2	150	100	300
JANTXV2N3019	Watertown	TO-39	STD	391	19844	0.8	1	140	80	7	0.2	150	100	300
JANTXV2N3019S	Watertown	TO-39	STD	391	19847	0.8	1	140	80	7	0.2	150	100	300
2N3501L	Watertown	TO-5	STD	366	19881	1		150	150	6	0.4	150	100	300
JAN2N3501	Watertown	TO-39	STD	366	19878	1		150	150	6	0.4	150	100	300
JAN2N3501L	Watertown	TO-5	STD	366	19882	1		150	150	6	0.4	150	100	300
JANTX2N3501	Watertown	TO-39	STD	366	19879	1		150	150	6	0.4	150	100	300
JANTX2N3501L	Watertown	TO-5	STD	366	19883	1		150	150	6	0.4	150	100	300
JANTXV2N3501	Watertown	TO-39	STD	366	19880	1		150	150	6	0.4	150	100	300
JANTXV2N3501L	Watertown	TO-5	STD	366	19884	1		150	150	6	0.4	150	100	300
BC237	PPC, Inc.	TO-92	STD		24384	1	0.1	50	45	6	0.2	0.01	120	800
BC237A	PPC, Inc.	TO-92	STD		24385	1	0.1	50	45	6	0.2	0.01	120	220
BC237B	PPC, Inc.	TO-92	STD		24386	1	0.1	50	45	6	0.2	0.01	200	460
BC237C	PPC, Inc.	TO-92	STD		24387	1	0.1	50	45	6	0.2	0.01	380	800
2N3501	Watertown	TO-5	STD	366	18714	1	0.3	150	150	6	0.4	150	100	300

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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