

NPN Transistors

Microsemi
PHOTONICS • SEMICONDUCTORS

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)
JAN2N2222A	Watertown	TO-18	STD	255	19789	0.5	0.8	75	50	6	0.3	150	100	300
JANTX2N2221A	Watertown	TO-18	STD	255	19787	0.5	0.8	75	50	6	0.3	150	40	120
JANTX2N2222A	Watertown	TO-18	STD	255	19790	0.5	0.8	75	50	6	0.3	150	100	300
JANTXV2N2221A	Watertown	TO-18	STD	255	19788	0.5	0.8	75	50	6	0.3	150	40	120
JANTXV2N2222A	Watertown	TO-18	STD	255	19791	0.5	0.8	75	50	6	0.3	150	100	300
2N3700	Watertown	TO-18	STD		18696	0.5	1	140	80	7	0.2	150	100	300
JAN2N3700	Watertown	TO-18	STD	391	19899	0.5	1	140	80	7	0.2	150	100	300
JANTX2N3700	Watertown	TO-18	STD	391	19900	0.5	1	140	80	7	0.2	150	100	300
JANTXV2N3700	Watertown	TO-18	STD	391	19901	0.5	1	140	80	7	0.2	150	100	300
2N3737	Watertown	TO-46	STD		18697	0.5	1.5	75	40	5	0.5	500	40	140
JAN2N3737	Watertown	TO-46	STD	395	19909	0.5	1.5	75	40	5	0.5	500	40	140
JANTX2N3737	Watertown	TO-46	STD	395	19910	0.5	1.5	75	40	5	0.5	500	40	140
JANTXV2N3737	Watertown	TO-46	STD	395	19911	0.5	1.5	75	40	5	0.5	500	40	140
2N0696	Watertown	TO-5	STD		19700	0.6		60	40	5	1.5	150	20	80
2N0697	Watertown	TO-5	STD		19703	0.6		60	40	5	1.5	150	40	120
JAN2N0696	Watertown	TO-5	STD	99	19701	0.6		60	40	5	1.5	150	20	80
JAN2N0696S	Watertown	TO-5	STD	99	19702	0.6		60	40	5	1.5	150	20	80
JAN2N0697	Watertown	TO-5	STD	99	19704	0.6		60	40	5	1.5	150	40	120
JAN2N0697S	Watertown	TO-5	STD	99	19705	0.6		60	40	5	1.5	150	40	120
2N3904	Chatsworth	TO-92	STD		17975	0.6	0.01	60	40	6	0.2		100	300
2N4401	Chatsworth	TO-92	STD		17977	0.6	0.01	60	40	6	0.4		80	300
PN2222A	Chatsworth	TO-92	STD		18167	0.6	0.01	75	40	6	0.3		75	300
JAN2N2060	Watertown	TO-77	STD	270	19771	0.6	0.5	100	60	7	0.3	50	50	100
JAN2N2060L	Watertown	TO-77	STD	270	19774	0.6	0.5	100	60	7	0.3	50	50	100
JANTX2N2060	Watertown	TO-77	STD	270	19772	0.6	0.5	100	60	7	0.3	50	50	100
JANTX2N2060L	Watertown	TO-77	STD	270	19775	0.6	0.5	100	60	7	0.3	50	50	100
JANTXV2N2060	Watertown	TO-77	STD	270	19773	0.6	0.5	100	60	7	0.3	50	50	100
JANTXV2N2060L	Watertown	TO-77	STD	270	19776	0.6	0.5	100	60	7	0.3	50	50	100
2N0497	Watertown	TO-5	STD		19686	0.8		60	60	8	2	200	12	36
2N0656	Watertown	TO-5	STD		19692	0.8		60	60	8	2	200	30	90
JAN2N0497	Watertown	TO-5	STD	74	19687	0.8		60	60	8	2	200	12	36
JAN2N0497S	Watertown	TO-5	STD	74	19688	0.8		60	60	8	2	200	12	36
JAN2N0656	Watertown	TO-5	STD	74	19693	0.8		60	60	8	2	200	30	90
JAN2N0656S	Watertown	TO-5	STD	74	19694	0.8		60	60	8	2	200	30	90
2N0498	Watertown	TO-5	STD		19689	0.8		100	100	8	2	200	12	36
2N0657	Watertown	TO-5	STD		19695	0.8		100	100	8	2	200	30	90
2N0657A	Watertown	TO-5	STD		19696	0.8		100	100	8	2	200	30	90
2N0657AL	Watertown	TO-5	STD		19697	0.8		100	100	8	2	200	30	90
JAN2N0498	Watertown	TO-5	STD	74	19690	0.8		100	100	8	2	200	12	36
JAN2N0498S	Watertown	TO-5	STD	74	19691	0.8		100	100	8	2	200	12	36
JAN2N0657	Watertown	TO-5	STD	74	19698	0.8		100	100	8	2	200	30	90
JAN2N0657S	Watertown	TO-5	STD	74	19699	0.8		100	100	8	2	200	30	90
2N1613	Watertown	TO-5	STD		18703	0.8	0.5	75	30	7	1.5	150	40	120
2N1711	Watertown	TO-5	STD		18704	0.8	0.5	75	30	7	1.5	150	100	300
JAN2N1613	Watertown	TO-39	STD	181	19753	0.8	0.5	75	30	7	1.5	150	40	120

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

Fax On Demand (800) 713-4113

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