

# NPN Transistors

**Microsemi**  
PHOTONIC POWER OF 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)
2N0744A	Watertown	TO-18	STD		19719			40	15	5	1	100	20	
HS2857	Serotech Lab	HSOT	SM		18722	0.2	0.04	30	15	2.5				30
2N0918	Watertown	TO-72	STD		19737	0.2	0.05	30	15	3	0.4	10	20	200
HS918	Serotech Lab	HSOT	SM		18721	0.2	0.05	30	15	3			10	200
JAN2N0918	Watertown	TO-72	STD	301	19738	0.2	0.05	30	15	3	0.4	10	20	200
JANTX2N0918	Watertown	TO-72	STD	301	19739	0.2	0.05	30	15	3	0.4	10	20	200
JANTXV2N0918	Watertown	TO-72	STD	301	19740	0.2	0.05	30	15	3	0.4	10	20	200
2N2708	Watertown	TO-72	STD		18679	0.2	0.05	35	20	3			30	200
JAN2N2708	Watertown	TO-72	STD	302	19808	0.2	0.05	35	20	3			30	200
2N0706	Watertown	TO-18	STD	120	19707	0.3		25	15	5	0.5	10	30	120
2N0706A	Watertown	TO-18	STD	120	19708	0.3		25	15	5	0.5	10	30	120
JAN2N0706	Watertown	TO-18	STD	120	19709	0.3		25	15	5	0.5	10	30	120
2N0930	Watertown	TO-18	STD		19744	0.3	0.03	60	45	6	1	10	150	
JAN2N0930	Watertown	TO-18	STD	253	19745	0.3	0.03	60	45	6	1	10	150	
JANTX2N0930	Watertown	TO-18	STD	253	19746	0.3	0.03	60	45	6	1	10	150	
2N0744	Watertown	TO-18	STD		19718	0.3	0.2	20	15	5	1	100	20	
2N4449	Watertown	TO-46	STD		18683	0.3	0.2	40	15	4.5	0.2	10	40	120
JAN2N0744	Watertown	TO-18	STD	273	19720	0.3	0.2	20	15	5	1	100	20	
JAN2N4449	Watertown	TO-46	STD	317	19946	0.3	0.2	40	15	4.5	0.2	10	40	120
JANTX2N4449	Watertown	TO-46	STD	317	19947	0.3	0.2	40	15	4.5	0.2	10	40	120
JANTXV2N4449	Watertown	TO-46	STD	317	19948	0.3	0.2	40	15	4.5	0.2	10	40	120
JANTX2N5793	Watertown	TO-78	STD	495	19954	0.3	0.6	75	40	6	0.3	150	40	120
JANTX2N5794	Watertown	TO-78	STD	495	19956	0.3	0.6	75	40	6	0.3	150	100	300
JANTXV2N5793	Watertown	TO-78	STD	495	19955	0.3	0.6	75	40	6	0.3	150	40	120
JANTXV2N5794	Watertown	TO-78	STD	495	19957	0.3	0.6	75	40	6	0.3	150	100	300
MMBT2222A	Chatsworth	SOT-23	SM		18082	0.35	0.01	75	40	6	0.3		75	300
MMBT3904	Chatsworth	SOT-23	SM		18084	0.35	0.01	60	40	6	0.2		100	300
MMBT4401	Chatsworth	SOT-23	SM		18086	0.35	0.01	60	40	6	0.4		80	300
2N2481	Watertown	TO-18	STD		18687	0.36		40	15	5	0.25	10	40	120
JAN2N2481	Watertown	TO-18	STD	268	19796	0.36		40	15	5	0.25	10	40	120
JANTX2N2481	Watertown	TO-18	STD	268	19797	0.36		40	15	5	0.25	10	40	120
2N2484	Watertown	TO-18	STD		18685	0.36	0.05	60	60	6	0.3	1	250	900
HS2484	Serotech Lab	HSOT	SM		18724	0.36	0.05	60	60	6			30	800
JAN2N2484	Watertown	TO-18	STD	376	19799	0.36	0.05	60	60	6	0.3	1	250	900
JANTX2N2484	Watertown	TO-18	STD	376	19800	0.36	0.05	60	60	6	0.3	1	250	900
JANTXV2N2484	Watertown	TO-18	STD	376	19801	0.36	0.05	60	60	6	0.3	1	250	900
2N2369A	Watertown	TO-18	STD		18686	0.36	0.2	40	15	4.5	0.2	10	40	120
HS2369A	Serotech Lab	HSOT	SM		18723	0.36	0.2	40	15	4.5			40	120
JAN2N2369A	Watertown	TO-18	STD	317	19793	0.36	0.2	40	15	4.5	0.2	10	40	120
JANTX2N2369A	Watertown	TO-18	STD	317	19794	0.36	0.2	40	15	4.5	0.2	10	40	120
JANTXV2N2369A	Watertown	TO-18	STD	317	19795	0.36	0.2	40	15	4.5	0.2	10	40	120
2N3057A	Watertown	TO-46	STD		18688	0.4	1	140	80	7	0.2	150	100	300
JAN2N3057A	Watertown	TO-46	STD	391	19849	0.4	1	140	80	7	0.2	150	100	300
JANTX2N3057A	Watertown	TO-46	STD	391	19850	0.4	1	140	80	7	0.2	150	100	300
JANTXV2N3057A	Watertown	TO-46	STD	391	19851	0.4	1	140	80	7	0.2	150	100	300

**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:**

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-1**

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