

# PNP Transistors

**Microsemi**  
WORLDWIDE MANUFACTURING

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)
TIP42	PPC, Inc.	TO-220	STD		24358	65	6	40	40	5	1.5	6	15	75
TIP42A	PPC, Inc.	TO-220	STD		24359	65	6	60	60	5	1.5	6	15	75
TIP42B	PPC, Inc.	TO-220	STD		24360	65	6	80	80	5	1.5	6	15	75
TIP42C	PPC, Inc.	TO-220	STD		24361	65	6	100	100	5	1.5	6	15	75
2N6666	PPC, Inc.	TO-220	STD		24430	65	8	40	40	5	2	3	1000	2000
2N6667	PPC, Inc.	TO-220	STD		24431	65	10	60	60	5	2	5	1000	2000
2N6668	PPC, Inc.	TO-220	STD		24432	65	10	80	80	5	2	5	1000	2000
2N3171	PPC, Inc.	TO-3	STD		23659	75	3	40	40	10	0.75	1	12	36
2N3172	PPC, Inc.	TO-3	STD		23660	75	3	60	60	10	0.75	1	12	36
2N3173	PPC, Inc.	TO-3	STD		23661	75	3	80	80	10	0.75	1	12	36
2N3174	PPC, Inc.	TO-3	STD		23662	75	3	100	100	10	0.75	1	12	36
2N6049	PPC, Inc.	TO-66	STD		23885	75	4	90	55	7	0.5	0.5	25	100
2N3183	PPC, Inc.	TO-3	STD		23667	75	5	40	40	10	1	2	10	30
2N3195	PPC, Inc.	TO-3	STD		23675	75	5	40	40	10	0.9	3	10	30
2N3184	PPC, Inc.	TO-3	STD		23668	75	5	60	60	10	1	2	10	30
2N3196	PPC, Inc.	TO-3	STD		23676	75	5	60	60	10	0.9	3	10	30
2N3185	PPC, Inc.	TO-3	STD		23669	75	5	80	80	10	1	2	10	30
2N3197	PPC, Inc.	TO-3	STD		23678	75	5	80	80	10	0.9	3	10	30
2N3186	PPC, Inc.	TO-3	STD		23670	75	5	100	100	10	1	2	10	30
2N3198	PPC, Inc.	TO-3	STD		23677	75	5	100	100	10	0.9	3	10	30
2N6040	PPC, Inc.	TO-220	STD		24403	75	8	60	60	5	2	4	1000	2000
2N6041	PPC, Inc.	TO-220	STD		24404	75	8	80	80	5	2	4	1000	2000
2N6042	PPC, Inc.	TO-220	STD		24405	75	8	100	100	5	2	3	1000	2000
2N6489	PPC, Inc.	TO-220	STD		24427	75	15	50	40	5	1.3	5	20	150
2N6490	PPC, Inc.	TO-220	STD		24428	75	15	70	60	5	1.3	5	20	150
2N6491	PPC, Inc.	TO-220	STD		24429	75	15	90	80	5	1.3	5	20	150
2N3163	PPC, Inc.	TO-61	STD		23655	85	3	40	40	10	0.75	1	12	36
2N3164	PPC, Inc.	TO-61	STD		23656	85	3	60	60	10	0.75	1	12	36
2N3165	PPC, Inc.	TO-61	STD		23657	85	3	80	80	10	0.75	1	12	36
2N3166	PPC, Inc.	TO-61	STD		23658	85	3	100	100	10	0.75	1	12	36
2N3175	PPC, Inc.	TO-61	STD		23663	85	5	40	40	10	1	2	10	30
2N3187	PPC, Inc.	TO-61	STD		23671	85	5	40	40	10	0.9	3	10	30
2N3176	PPC, Inc.	TO-61	STD		23664	85	5	60	60	10	1	2	10	30
2N3188	PPC, Inc.	TO-61	STD		23672	85	5	60	60	10	0.9	3	10	30
2N3177	PPC, Inc.	TO-61	STD		23665	85	5	80	80	10	1	2	10	30
2N3189	PPC, Inc.	TO-61	STD		23673	85	5	80	80	10	0.9	3	10	30
2N3178	PPC, Inc.	TO-61	STD		23666	85	5	100	100	10	1	2	10	30
2N3190	PPC, Inc.	TO-61	STD		23674	85	5	100	100	10	0.9	3	10	30
2N4901	PPC, Inc.	TO-3	STD		23746	87.5	5	40	40	5	0.4	1	20	80
2N4904	PPC, Inc.	TO-3	STD		23749	87.5	5	40	40	5	1	2.5	25	100
2N4902	PPC, Inc.	TO-3	STD		23747	87.5	5	60	60	5	0.4	1	20	80
2N4905	PPC, Inc.	TO-3	STD		23750	87.5	5	60	60	5	1	2.5	25	100
2N5867	PPC, Inc.	TO-3	STD		23865	87.5	5	60	60	5	2	1.5	20	100
2N4903	PPC, Inc.	TO-3	STD		23748	87.5	5	80	80	5	0.4	1	20	80
2N4906	PPC, Inc.	TO-3	STD		23751	87.5	5	80	80	5	1	2.5	25	100

**PNP**

Section Organization: PNP 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