## **PNP Transistors**



Color   Colo	Part Number	Microsemi	Package	Туре	Mil	Data	PD	ic.	Vcbo	Vceo	Vebo	VCE(sat)	@ IC	HFE	HFE
NAS907A		Division			Spec	P. Chille Street, Phillips	(W)	(A)	(V)	(٧)	(Y)	(v)		100000000000000000000000000000000000000	max (dB)
INS2907A		Watertown	TO-18	STD		18647	0.4	0.6	60	60	5	0.4	150	100	300
JANTXZN2907A   Waterlown   TO-18   STD   291   19820   0.4   0.8   60   60   5   0.4   150   100   300   300   301   301   302   302   303   3		Sertech Lab	HSOT	SM		18662	0.4	0.6	60	60	3			75	300
JANTXV2N2907   Watertown   TO-18   STD   291   19821   0.4   0.6   60   60   5   0.4   150   100   300	JAN2N2907A	Watertown	TO-18	STD	291	19819	0.4	0.6	60	60	5	0.4	150	100	300
NS5087   Sertech Lab   HSOT   SM   18663   0.5   0.05   50   3   250   800	JANTX2N2907A	Watertown	TO-18	STD	291	19820	0.4	0.6	60	60	5	0.4	150	100	300
HS3904   Sertech Lab   HSOT   SM   18664   0.5   0.2   60   40   6     40   300	JANTXV2N2907	Watertown	TO-18	STD	291	19821	0.4	0.6	60	60	5	0.4	150	100	300
Name	HS5087	Sertech Lab	HSOT	SM		18663	0.5	0.05	50	50	3			250	800
2NA029   Waterlown   TO-46   STD   18651   0.5   1   80   80   5   0.15   150   100   300	HS3904	Sertech Lab	HSOT	SM		18664	0.5	0.2	60	40	6			40	300
JANZAN4029   Waterlown   TO-39   STD   512   19940   0.5   1   80   80   5   0.15   150   100   300	HS3906	Sertech Lab	HSOT	SM		18665	0.5	0.2	40	40	5			60	300
JANTX2N4029   Waterlown   TO-39   STD   512   19941   0.5   1   80   80   5   0.15   150   100   300     JANTXV2N4029   Waterlown   TO-39   STD   512   19942   0.5   1   80   80   5   0.15   150   100   300     ZN3906   Chatsworth   TO-92   STD   T1976   0.6   0.01   40   40   5   0.25   100   300     ZN4403   Chatsworth   TO-92   STD   T1976   0.6   0.01   40   40   5   0.4   100   300     ZN44403   Chatsworth   TO-92   STD   T1978   0.6   0.01   40   40   5   0.4   100   300     ZN3911   Waterlown   TO-77   STD   19931   0.6   0.05   60   60   5   0.25   1   300   900     JANTXZN3810   Waterlown   TO-77   STD   336   19925   0.6   0.05   60   60   5   0.25   1   150   400     JANTXZN3811   Waterlown   TO-77   STD   336   19927   0.6   0.05   60   60   5   0.25   1   150   400     JANTXZN3811   Waterlown   TO-77   STD   336   19929   0.6   0.05   60   60   5   0.25   1   150   400     JANTXZN3811   Waterlown   TO-77   STD   336   19929   0.6   0.05   60   60   5   0.25   1   150   400     JANTXZN3811   Waterlown   TO-77   STD   336   19932   0.6   0.05   60   60   5   0.25   1   150   400     JANTXZN3810   Waterlown   TO-77   STD   336   19932   0.6   0.05   60   60   5   0.25   1   150   400     JANTXZN3811   Waterlown   TO-77   STD   336   19932   0.6   0.05   60   60   5   0.25   1   150   400     JANTXZN3811   Waterlown   TO-77   STD   336   19930   0.6   0.05   60   60   5   0.25   1   150   400     JANTXZN3811   Waterlown   TO-77   STD   336   19930   0.6   0.05   60   60   5   0.25   1   300   900     JANTXZN3811   Waterlown   TO-77   STD   336   19930   0.6   0.05   60   60   5   0.25   1   300   900     JANTXZN3811   Waterlown   TO-78   STD   336   19930   0.6   0.05   60   60   5   0.25   1   300   900     JANTXZN3811   Waterlown   TO-78   STD   336   19930   0.6   0.05   60   60   5   0.25   1   300   900     JANTXZN3811   Waterlown   TO-79   STD   336   19930   0.6   0.05   60   60   5   0.25   1   300   900     JANTXZN39311   Waterlown   TO-79   STD   336   19930   0.6   0.05   60   60   5   0.2	2N4029	Watertown	TO-46	STD	l I	18651	0.5	· 1	80	80	5	0.15	150	100	300
Natrix   Natural   Natur	JAN2N4029	Watertown	TO-39	STD	512	19940	0.5	1	80	80	5	0.15	150	100	300
Name	JANTX2N4029	Watertown	TO-39	STD	512	19941	0.5	1	80	80	5	0.15	150	100	300
2N4403   Chatsworth   TO-92   STD   17978   0.6   0.01   40   40   5   0.4   100   300	JANTXV2N4029	Watertown	TO-39	STD	512	19942	0.5	1	80	80	5	0.15	150	100	300
PN2907A	2N3906	Chatsworth	TO-92	STD		17976	0.6	0.01	40	40	5	0.25		100	300
National	2N4403	Chatsworth	TO-92	STD		17978	0.6	0.01	40	40	5	0.4		100	300
JANTX2N3810	PN2907A	Chatsworth	TO-92	STD		18168	0.6	0.01	60	60	5	0.4		100	300
JANTX2N3810L   Watertown   TO-77   STD   336   19927   0.6   0.05   60   60   5   0.25   1   150   400	2N3811L	Watertown	TO-77	STD		19931	0.6	0.05	60	60	5	0.25	1	300	900
JANTX2N3811	JANTX2N3810	Watertown	TO-77	STD	336	19925	0.6	0.05	60	60	5	0.25	1	150	400
JANTX2N3811L   Waterlown   TO-77   STD   336   19932   0.6   0.05   60   60   5   0.25   1   300   900		Watertown	TO-77	STD	336	19927	0.6	0.05	60	60	5	0.25	1	150	400
JANTXV2N3810   Waterlown   TO-77   STD   336   19926   0.6   0.05   60   60   5   0.25   1   150   400	JANTX2N3811	Watertown	TO-77	STD	336	19929	0.6	0.05	60	60	5	0.25	1	300	900
JANTXV2N3810L   Watertown   TO-77   STD   336   19928   0.6   0.05   60   60   5   0.25   1   150   400	JANTX2N3811L	Watertown	TO-77	STD	336	19932	0.6	0.05	60	60	5	0.25	1	300	900
JANTXV2N3811   Watertown   TO-77   STD   336   19930   0.6   0.05   60   60   5   0.25   1   300   900	JANTXV2N3810	Watertown	TO-77	STD	336	19926	0.6	0.05	60	60	5	0.25	1	150	400
NATXY2N3811L   Watertown   TO-77   STD   336   19933   0.6   0.05   60   60   5   0.25   1   300   900	JANTXV2N3810L	Watertown	! TO-77	STD	336	19928	0.6	0.05	60	60	5	0.25	1	150	400
Name	JANTXV2N3811	Watertown	TO-77	STD	336	19930	0.6	0.05	60	60	5	0.25	1	300	900
National Color	JANTXV2N3811L	Watertown	TO-77	STD	336	19933	0.6	0.05	60	60	5	0.25	1	300	900
Name	2N1131	Watertown	TO-46	STD		18653	0.6	0.6	50	40	5	1.5	150	20	45
Name	2N1132	Watertown	TO-5	STD	ļ	18654	0.6	0.6	50	40	5	1.5	150	30	90
JAN2N1131   Waterlown   TO-39   STD   177   19749   0.6   0.6   50   40   5   1.5   150   20   45	2N2905	Watertown	TO-5	STD		18652	0.6	0.6	60	40	5	0.4	150	100	300
JAN2N1131L   Watertown   TO-39   STD   177   19750   0.6   0.6   50   40   5   1.5   150   20   45	2N2905A	Watertown	TO-39	STD	290	19809	0.6	0.6	60	40	5	0.4	150	100	300
JAN2N1132   Waterlown   TO-39   STD   177   19751   0.6   0.6   50   40   5   1.5   150   30   90     JAN2N1132L   Waterlown   TO-39   STD   177   19752   0.6   0.6   50   40   5   1.5   150   30   90     JAN2N2905   Waterlown   TO-39   STD   290   19816   0.6   0.6   60   40   5   0.4   150   100   300     JAN2N2905A   Waterlown   TO-39   STD   290   19810   0.6   0.6   60   40   5   0.4   150   100   300     JANZN2905AL   Waterlown   TO-39   STD   290   19813   0.6   0.6   60   40   5   0.4   150   100   300     JANTX2N2905   Waterlown   TO-39   STD   290   19817   0.6   0.6   60   40   5   0.4   150   100   300     JANTX2N2905A   Waterlown   TO-39   STD   290   19811   0.6   0.6   60   40   5   0.4   150   100   300     JANTX2N2905AL   Waterlown   TO-39   STD   290   19814   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Waterlown   TO-39   STD   290   19818   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Waterlown   TO-39   STD   290   19818   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Waterlown   TO-39   STD   290   19818   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Waterlown   TO-39   STD   290   19815   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Waterlown   TO-39   STD   290   19815   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Waterlown   TO-39   STD   290   19815   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Waterlown   TO-39   STD   290   19815   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Waterlown   TO-39   STD   290   19815   0.6   0.6   60   40   5   0.4   150   100   300     JAN2N4033   Waterlown   TO-39   STD   18655   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Waterlown   TO-39   STD   19943   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Waterlown   TO-39   STD   19943   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Waterlown   TO-39   STD   29943   0.8   1	JAN2N1131	Watertown	TO-39	STD	177	19749	0.6	0.6	50	40	5	1.5	150	20	45
JAN2N1132L   Watertown   TO-39   STD   177   19752   0.6   0.6   50   40   5   1.5   150   30   90	JAN2N1131L	Watertown	TO-39	STD	177	19750	0.6	0.6	50	40	5	1.5	150	20	45
JAN2N2905   Watertown   TO-39   STD   290   19816   0.6   0.6   60   40   5   0.4   150   100   300     JAN2N2905A   Watertown   TO-39   STD   290   19810   0.6   0.6   60   40   5   0.4   150   100   300     JAN2N2905AL   Watertown   TO-39   STD   290   19813   0.6   0.6   60   40   5   0.4   150   100   300     JANTX2N2905   Watertown   TO-39   STD   290   19817   0.6   0.6   60   40   5   0.4   150   100   300     JANTX2N2905A   Watertown   TO-39   STD   290   19811   0.6   0.6   60   40   5   0.4   150   100   300     JANTX2N2905AL   Watertown   TO-39   STD   290   19814   0.6   0.6   60   40   5   0.4   150   100   300     JANTX2N2905   Watertown   TO-39   STD   290   19818   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Watertown   TO-39   STD   290   19818   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Watertown   TO-39   STD   290   19812   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Watertown   TO-39   STD   290   19815   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Watertown   TO-39   STD   290   19815   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Watertown   TO-39   STD   290   19815   0.6   0.6   60   40   5   0.4   150   100   300     ZN0327A   Watertown   TO-39   STD   19679   0.7   50   40   20   0.3   5   9   22     ZN4033   Watertown   TO-39   STD   18655   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Watertown   TO-39   STD   512   19943   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Watertown   TO-39   STD   512   19943   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Watertown   TO-39   STD   512   19943   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Watertown   TO-39   STD   512   19943   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Watertown   TO-39   STD   512   19943   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Watertown   TO-39   STD   512   19943   0.8   1   80   80	JAN2N1132	Watertown	TO-39	STD	177	19751	0.6	0.6	50	40	5	1.5	150	30	90
JAN2N2905A   Watertown   TO-39   STD   290   19810   0.6   0.6   60   40   5   0.4   150   100   300     JAN2N2905AL   Watertown   TO-39   STD   290   19813   0.6   0.6   60   40   5   0.4   150   100   300     JANTX2N2905   Watertown   TO-39   STD   290   19817   0.6   0.6   60   40   5   0.4   150   100   300     JANTX2N2905AL   Watertown   TO-39   STD   290   19811   0.6   0.6   60   40   5   0.4   150   100   300     JANTX2N2905AL   Watertown   TO-39   STD   290   19814   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Watertown   TO-39   STD   290   19818   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Watertown   TO-39   STD   290   19818   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Watertown   TO-39   STD   290   19812   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Watertown   TO-39   STD   290   19815   0.6   0.6   60   40   5   0.4   150   100   300     JANTXV2N2905   Watertown   TO-39   STD   290   19815   0.6   0.6   60   40   5   0.4   150   100   300     ZN0327A   Watertown   TO-39   STD   19679   0.7   50   40   20   0.3   5   9   22     ZN4033   Watertown   TO-39   STD   18655   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Watertown   TO-39   STD   512   19943   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Watertown   TO-39   STD   512   19943   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Watertown   TO-39   STD   512   19943   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Watertown   TO-39   STD   512   19943   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Watertown   TO-39   STD   512   19943   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Watertown   TO-39   STD   512   19943   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Watertown   TO-39   STD   512   19943   0.8   1   80   80   5   0.15   150   100   300     JAN2N4033   Watertown   TO-39   STD   512   19943   0.8   1   80   80   5	JAN2N1132L	Watertown	TO-39	STD	177	19752	0.6	0.6	50	40	5	1.5	150	30	90
JAN2N2905AL         Watertown         TO-39         STD         290         19813         0.6         0.6         60         40         5         0.4         150         100         300           JANTX2N2905         Watertown         TO-39         STD         290         19817         0.6         0.6         60         40         5         0.4         150         100         300           JANTX2N2905A         Watertown         TO-39         STD         290         19814         0.6         0.6         60         40         5         0.4         150         100         300           JANTXV2N2905AL         Watertown         TO-39         STD         290         19814         0.6         0.6         60         40         5         0.4         150         100         300           JANTXV2N2905         Watertown         TO-39         STD         290         19812         0.6         0.6         60         40         5         0.4         150         100         300           JANTXV2N2905         Watertown         TO-39         STD         290         19812         0.6         0.6         60         40         5         0.4         150	JAN2N2905	Watertown	TO-39	STD	290	19816	0.6	0.6	60	40	5	0.4	150	100	300
JANTX2N2905         Watertown         TO-39         STD         290         19817         0.6         0.6         60         40         5         0.4         150         100         300           JANTX2N2905A         Watertown         TO-39         STD         290         19814         0.6         0.6         60         40         5         0.4         150         100         300           JANTX2N2905AL         Watertown         TO-39         STD         290         19814         0.6         0.6         60         40         5         0.4         150         100         300           JANTXV2N2905         Watertown         TO-39         STD         290         19818         0.6         0.6         60         40         5         0.4         150         100         300           JANTXV2N2905         Watertown         TO-39         STD         290         19812         0.6         0.6         60         40         5         0.4         150         100         300           JANTXV2N2905         Watertown         TO-39         STD         290         19815         0.6         0.6         60         40         5         0.4         150	JAN2N2905A	Watertown	TO-39	STD	290	19810	0.6	0.6	60	40	5	0.4	150	100	300
JANTX2N2905A         Watertown         TO-39         STD         290         19811         0.6         0.6         60         40         5         0.4         150         100         300           JANTX2N2905AL         Watertown         TO-39         STD         290         19814         0.6         0.6         60         40         5         0.4         150         100         300           JANTXV2N2905         Watertown         TO-39         STD         290         19812         0.6         0.6         60         40         5         0.4         150         100         300           JANTXV2N2905         Watertown         TO-39         STD         290         19812         0.6         0.6         60         40         5         0.4         150         100         300           JANTXV2N2905         Watertown         TO-39         STD         290         19815         0.6         0.6         60         40         5         0.4         150         100         300           2N0327A         Watertown         TO-39         STD         19679         0.7         50         40         20         0.3         5         9         22		Watertown	TO-39	STD	290	19813	0.6	0.6	60	40	5	0.4	150	100	300
JANTX2N2905AL         Watertown         TO-39         STD         290         19814         0.6         0.6         60         40         5         0.4         150         100         300           JANTXV2N2905         Watertown         TO-39         STD         290         19818         0.6         0.6         60         40         5         0.4         150         100         300           JANTXV2N2905         Watertown         TO-39         STD         290         19812         0.6         0.6         60         40         5         0.4         150         100         300           JANTXV2N2905         Watertown         TO-39         STD         290         19815         0.6         0.6         60         40         5         0.4         150         100         300           2N0327A         Watertown         TO-39         STD         19679         0.7         50         40         20         0.3         5         9         22           2N4033         Watertown         TO-39         STD         18655         0.8         1         80         80         5         0.15         150         100         300           JAN2N40	JANTX2N2905	Watertown	TO-39	STD	290	19817	0.6	0.6	60	40	5	0.4	150	100	300
JANTXV2N2905         Watertown         TO-39         STD         290         19818         0.6         0.6         60         40         5         0.4         150         100         300           JANTXV2N2905         Watertown         TO-39         STD         290         19812         0.6         0.6         60         40         5         0.4         150         100         300           JANTXV2N2905         Watertown         TO-39         STD         290         19815         0.6         0.6         60         40         5         0.4         150         100         300           2N0327A         Watertown         TO-39         STD         19679         0.7         50         40         20         0.3         5         9         22           2N4033         Watertown         TO-39         STD         18655         0.8         1         80         80         5         0.15         150         100         300           JAN2N4033         Watertown         TO-39         STD         512         19943         0.8         1         80         80         5         0.15         150         100         300	JANTX2N2905A	Watertown	TO-39	STD	290	19811	0.6	0.6	60	40	5	0.4	150	100	300
JANTXV2N2905         Watertown         TO-39         STD         290         19812         0.6         0.6         60         40         5         0.4         150         100         300           JANTXV2N2905         Watertown         TO-39         STD         290         19815         0.6         0.6         60         40         5         0.4         150         100         300           2N0327A         Watertown         TO-39         STD         19679         0.7         50         40         20         0.3         5         9         22           2N4033         Watertown         TO-39         STD         18655         0.8         1         80         80         5         0.15         150         100         300           JAN2N4033         Watertown         TO-39         STD         512         19943         0.8         1         80         80         5         0.15         150         100         300	JANTX2N2905AL	Watertown	TO-39	STD	290	19814	0.6	0.6	60	40	5	0.4	150	100	300
JANTXV2N2905         Watertown         TO-39         STD         290         19815         0.6         0.6         60         40         5         0.4         150         100         300           2N0327A         Watertown         TO-39         STD         19679         0.7         50         40         20         0.3         5         9         22           2N4033         Watertown         TO-39         STD         18655         0.8         1         80         80         5         0.15         150         100         300           JAN2N4033         Watertown         TO-39         STD         512         19943         0.8         1         80         80         5         0.15         150         100         300	JANTXV2N2905	Watertown	TO-39	STD	290	19818	0.6	0.6	60	40	5	0.4	150	100	300
2N0327A         Watertown         TO-39         STD         19679         0.7         50         40         20         0.3         5         9         22           2N4033         Watertown         TO-39         STD         18655         0.8         1         80         80         5         0.15         150         100         300           JAN2N4033         Watertown         TO-39         STD         512         19943         0.8         1         80         80         5         0.15         150         100         300	JANTXV2N2905	Watertown	TO-39	STD	290	19812	0.6	0.6	60	40	5	0.4	150	100	300
2N4033         Watertown         TO-39         STD         18655         0.8         1         80         80         5         0.15         150         100         300           JAN2N4033         Watertown         TO-39         STD:512         19943         0.8         1         80         80         5         0.15         150         100         300	JANTXV2N2905	Watertown	TO-39	STD	290	19815	0.6	0.6	60	40	5	0.4	150	100	300
JAN2N4033 Watertown TO-39 STD: 512 19943 0.8 1 80 80 5 0.15 150 100 300	2N0327A	Watertown	TO-39	STD		19679	0.7		50	40	20	0.3	5	9	22
	2N4033	Watertown	TO-39	STD		18655	0.8	1	80	80	5	0.15	150	100	300
IANTX2N4033 Watertown TO-39 STD 512 19944 0.8 1 80 80 5 0.45 150 100 200	JAN2N4033	Watertown	TO-39	STD	512	19943	0.8	1	80	80	5	0.15	150	100	300
<u> </u>	JANTX2N4033	Watertown	TO-39	STD	512	19944	0.8	1	80	80	5	0.15	150	100	300

Section Organization: PNP Transistor Parametric Section is organized by ascending PD (watts), followed by ascending IC (amps), and then by Part Number

**PNP** 

General Notes:

I. 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

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